

SONY®

デジタルビデオカメラ

DIGITAL VIDEO CAMERA

DXC-D30/D30P

ズームレンズ

ZOOM LENS

VCL-916BYA

SERVICE MANUAL

Vol. 2 (1st Edition)

Power HAD

指定部品を使用する

回路図、部品表に△印で指定されている部品は安全重要部品
ですので指定のものをご使用ください。

SAFETY RELATED COMPONENT WARNING

Components identified by △ marked on the schematic diagrams and parts list are critical to safe operation.

Replace these components with SONY parts whose part numbers appear as shown in this manual or in supplements published by SONY.

X-RAY RADIATION WARNING

Be sure that parts replacement in the high voltage block and adjustments made to the high voltage circuits are carried out precisely in accordance with the procedures given in this manual.

電池についてのご注意

電池は、正しく交換しないと爆発する危険があります。

電池を交換する場合にはソニー製のリチウム電池 (CR2032)

または同等タイプのものを使用してください。

LITHIUM BATTERY

Replace the battery with a Sony CR2032 lithium battery. Use of another battery may present a risk of fire or explosion.

WARNING

Battery may explode if mistreated.
Do not recharge, disassemble or dispose of in fire.

Note

Keep the lithium battery out of the reach of children. Should the battery be swallowed, consult a doctor immediately.

ADVARSEL!

Lithiumbatteri - Eksplosionsfare ved fejlagtig
håndtering.
Udskiftning må kun ske med batteri af samme
fabrikat og type.
levér det brugte batteri tilbage til leverandøren.

ADVARSEL

Lithiumbatteri - Eksplosjonsfare.
Ved utskifting benyttes kun batteri som
anbefalt av apparatfabrikanten.
Brukt batteri returneres
apparatleverandøren.

VARNING

Explosionsfara vid felaktigt batteribyte.
Använd samma batterityp eller en likvärdig typ
som rekommenderas av apparatillverkaren.
Kassera använt batteri enligt gällande
föreskrifter.

VAROITUS

Paristo voi räjähtää jos se on virheellisesti asennettu.
Vaihda paristo ainoastaan laitevalmistajan
suosittelemaan tyyppiin.
Hävitä käytetty paristo valmistajan ohjeiden
mukaisesti.

サービス技術者へ

警告

ソニー製品は安全に十分に配慮して設計されています。しかし、電気製品はサービス時に間違った扱い方をすると、火災や感電などにより死亡や大けがなど人身事故につながることもあり、危険です。この「安全のために」は事故を防ぐために重要な注意事項を示しています。この「安全のために」及び別冊の取扱説明書の「△警告△注意」をよくお読みの上、安全に設置や保守、点検、修理などを行ってください。

警告表示の意味

このサービス用のマニュアルおよび製品では、次のような表示をしています。表示の内容をよく理解してから本文をお読みください。

警告

この表示の注意事項を守らないと、火災や感電などにより死亡や大けがなど人身事故につながることがあります。

注意を促す記号



注意



火災



感電

行為を指示する記号



プラグをコンセントから抜く



強制



下記の注意を守らないと、
火災や感電による死亡や大けがにつながることがあります。



感電にご注意を

- ・ 部品交換の場合は感電の危険があるので電源プラグを抜いてください。
- ・ 内部には高電圧の部分があり、通電時においては感電の危険がありますので充分ご注意ください。



指定部品を使用する

回路図、部品表に△印で指定されている部品は安全重要部品ですので指定のものをご使用ください。



部品の取付けや配線の引き回しは元通りにする

- ・ チューブやテープなどの絶縁材料を使用した部品、及びプリント基板から浮かして取付けた部品を元通りにする。
- ・ 引き回しやクランパーで発熱部品、高圧部品及び可動部分に接近しないように処理したハーネスの引き回しを元通りにする。



ブラウン管の取扱いは丁寧に行う

(モニター、CRTプロジェクター、ビューファインダーの場合)

ブラウン管に衝撃を与えると爆縮の恐れがあります。取扱いに充分ご注意ください。



X線についてのご注意

X線に対しては、ブラウン管、高圧周辺回路等に配慮し安全を確保しています。従って、高圧周辺回路を修理する時はブラウン管など指定の部品を使用し、回路変更は絶対に行わないでください。指定以外の修理は高圧回路の電圧が上昇し、ブラウン管からX線が増加し、健康に悪影響があります。



電池についてのご注意

- ・ 電池は、正しく交換しないと爆発する危険があります。電池を交換する場合には必ずマニュアルで指定している電池を使用してください。
- ・ 火の中に入れてください。ショートさせたり、分解、加熱しないでください。発熱、発火、破裂の恐れがあります。
- ・ 使用済電池は、端子(金属部分)にテープを貼るなどの処理をし、指定の方法で廃棄してください。
- ・ 使用済ニカド電池はリサイクル協力店にご持参ください。



サービス後は安全点検を

サービスのために取り外したネジ、部品、配線がもとどおりになっているか確認してください。またサービスした箇所の周辺の部品及び線材の損傷してしまったところがないかなどを点検してください。

- ・ 感電・漏電を防ぐために金属部と電源プラグの絶縁チェックを行ってください。

(絶縁チェックの方法)

電源コンセントから電源プラグを抜き、電源スイッチをいれます。500 V絶縁抵抗計を用いて電源プラグのそれぞれの端子と外部露出金属部との間で、絶縁抵抗値が1MΩ以上であること。この値以下の時はセットの点検修理が必要です。

このマニュアルについて

本書はデジタルビデオカメラDXC-D30とDXC-D30PのサービスマニュアルVOL.2です。
本書では、ブロックダイアグラム、マウント図、回路図、半導体、パーツリストを記載しています。

関連マニュアル

この「サービスマニュアル VOL.2」の他に、下記のマニュアルが用意されています。

- サービスマニュアル vol.1

部品番号：9-977-264-11

本機の取り扱い、操作方法と部品の交換方法および調整などに関する情報を記載しています。

- サービスマニュアル DXF-701/701CE

部品番号：9-977-265-01

別途発行のDXF-701/701CEのサービスマニュアルをご覧ください。

- サービスマニュアル VCT-U14

部品番号：9-977-221-01

既に発行済のVCT-U14のサービスマニュアルをご覧ください。

Introducing this manual

This manual is the Service Manual Vol. 2 of the DIGITAL VIDEO CAMERA DXC-D30 and DXC-D30P.

This manual contains the following items.

Related manuals

In addition to this Service Manual Vol. 2, the following manuals are provided.

- Service Manual Vol. 1

Part No. 9-977-263-11

Contains the operation manual related to the operations of this equipment, the replacement of the parts and adjustments.

- Service Manual DXF-701/701CE

Part No. 9-977-265-01

See the DXF-701/701CE service manual available separately.

- Service Manual VCT-U14

Part No. 9-977-221-01

See the VCT-U14 service manual available separately.

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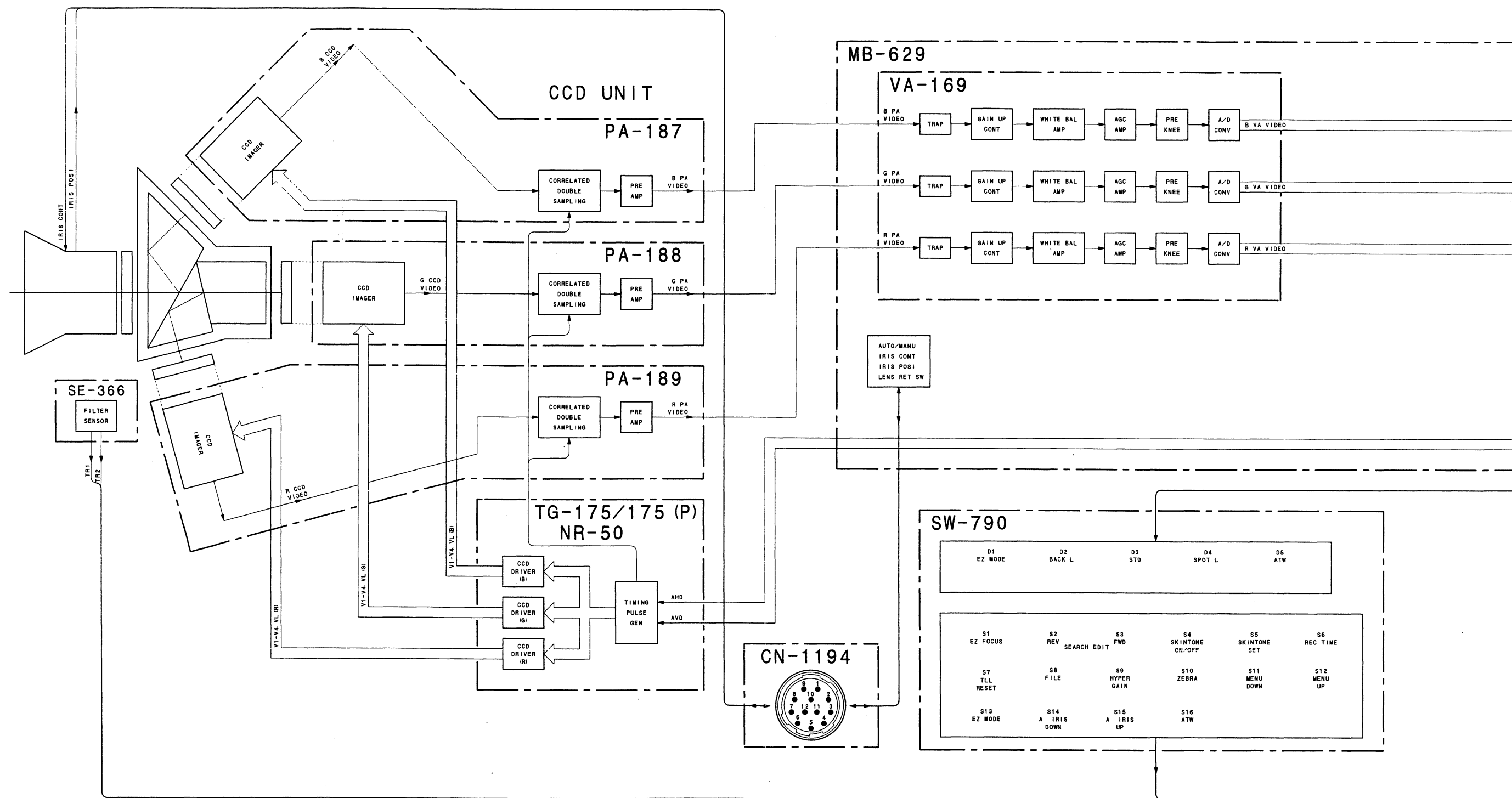
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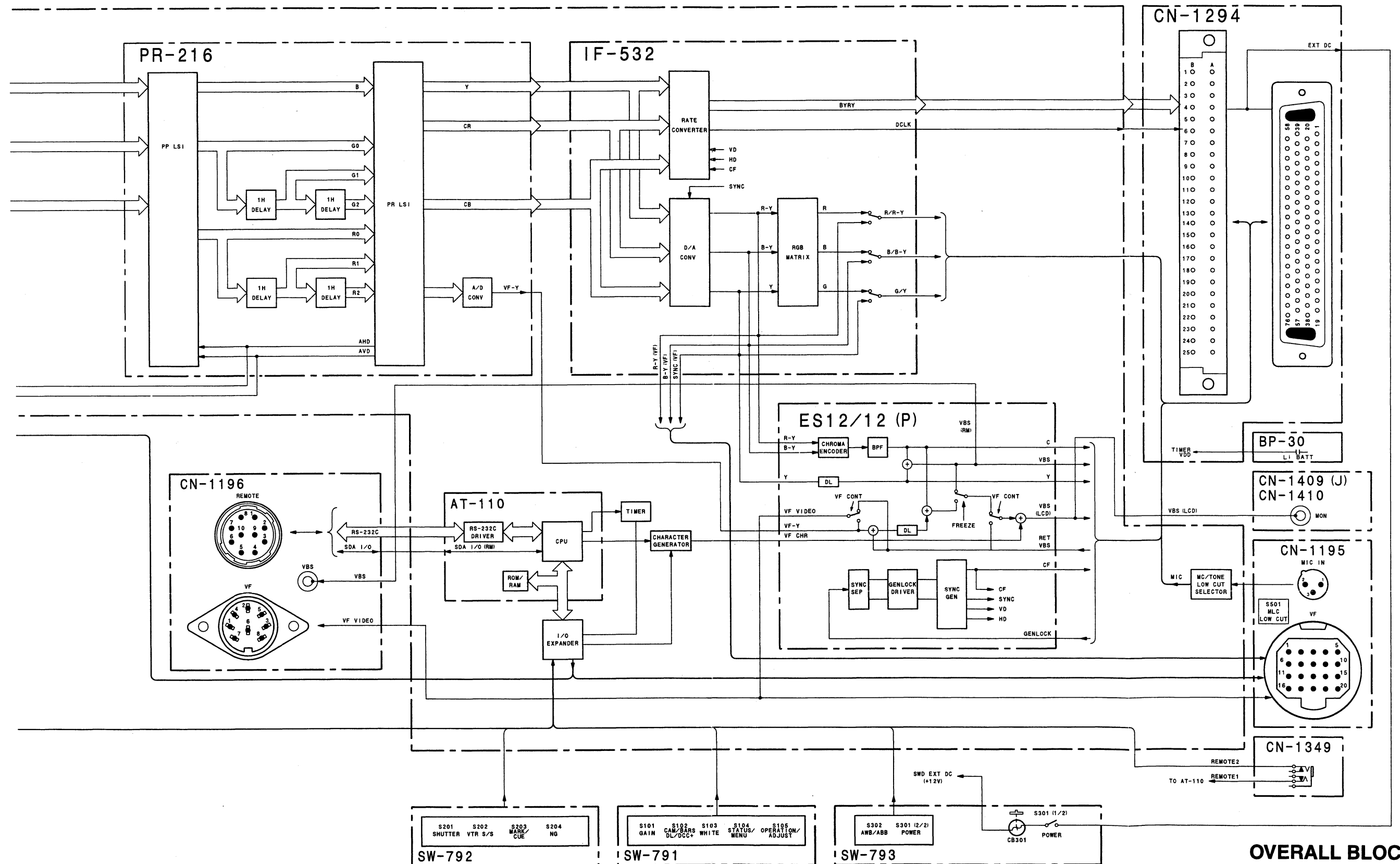
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SECTION 4

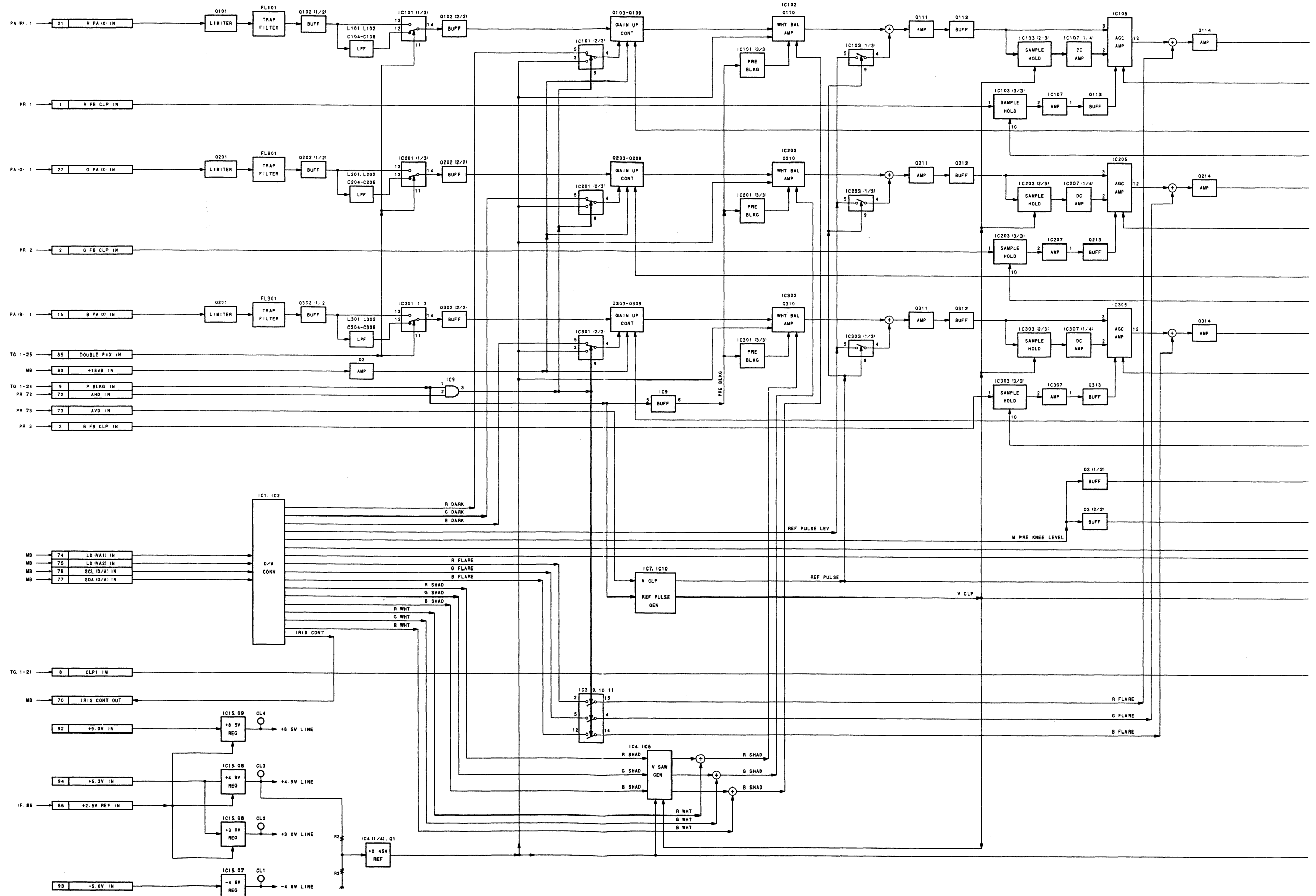
BLOCK DIAGRAMS

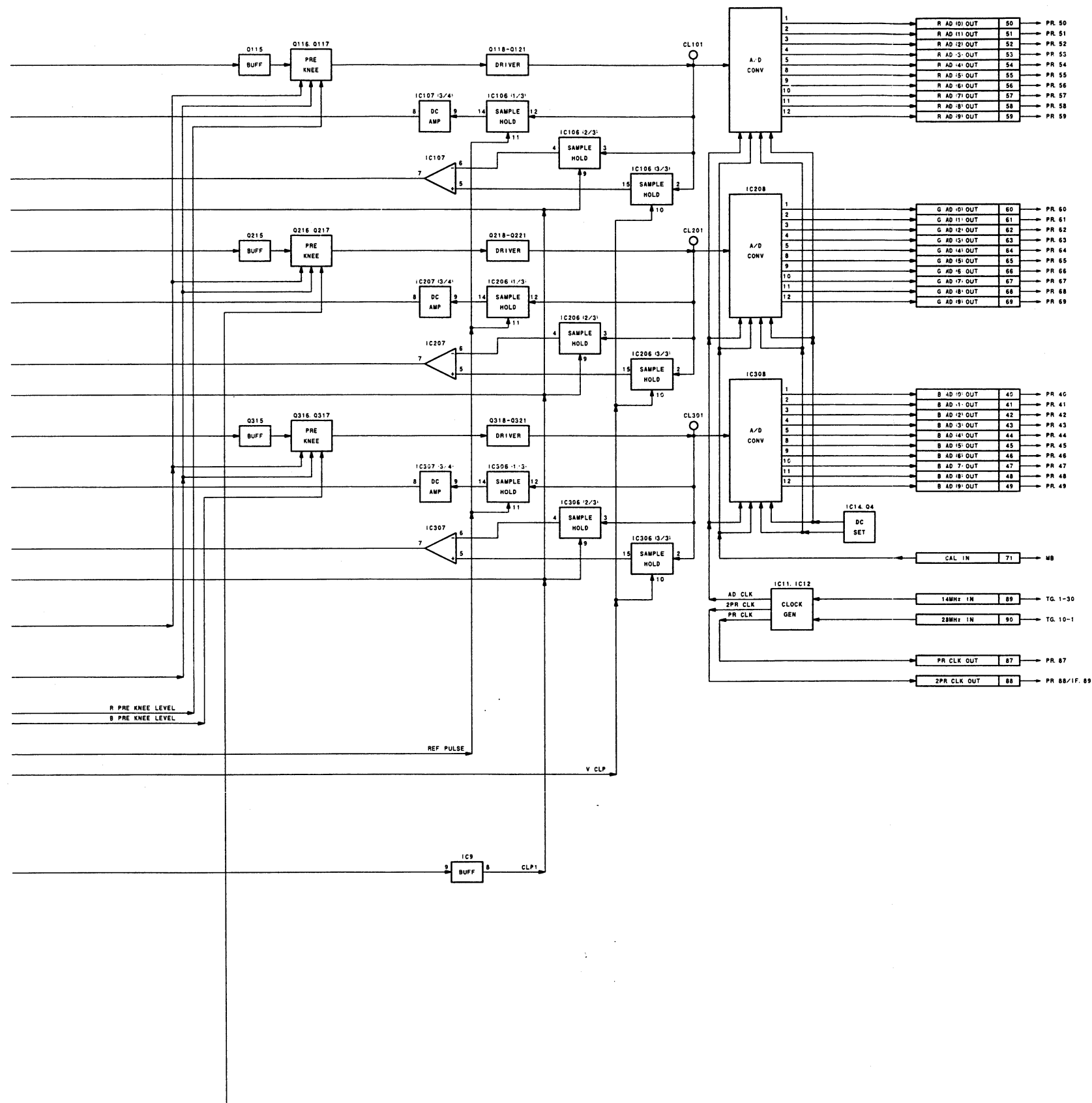


OVERALL BLOCK OVERALL BLOCK



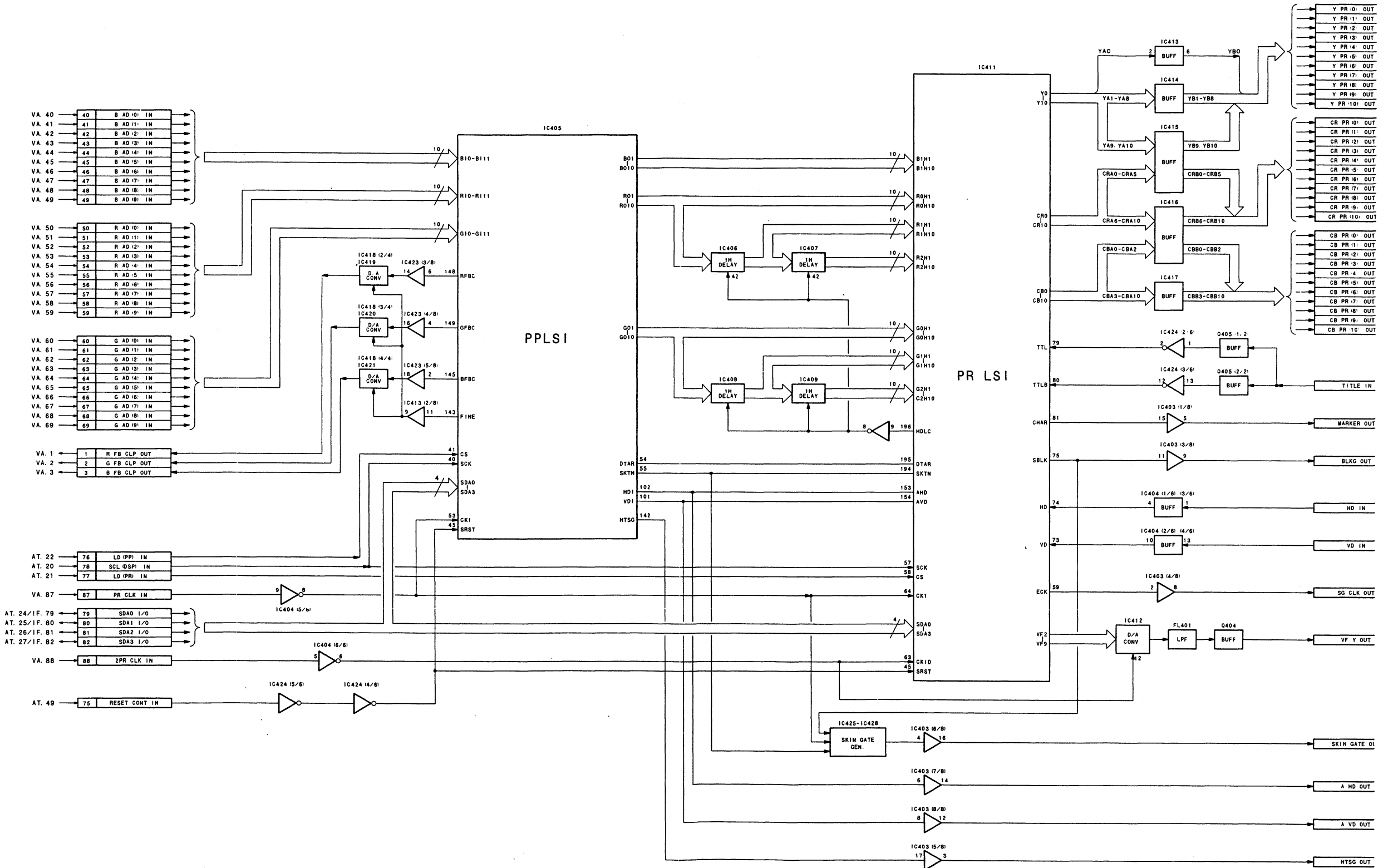
OVERALL BLOCK
MODEL DXC-D30/D30P
B-DXCD30-OABLOCK





VA-169 BLOCK
 MODEL DXC-D30/D30P
 B-DXCD30-VA169BLOCK/M

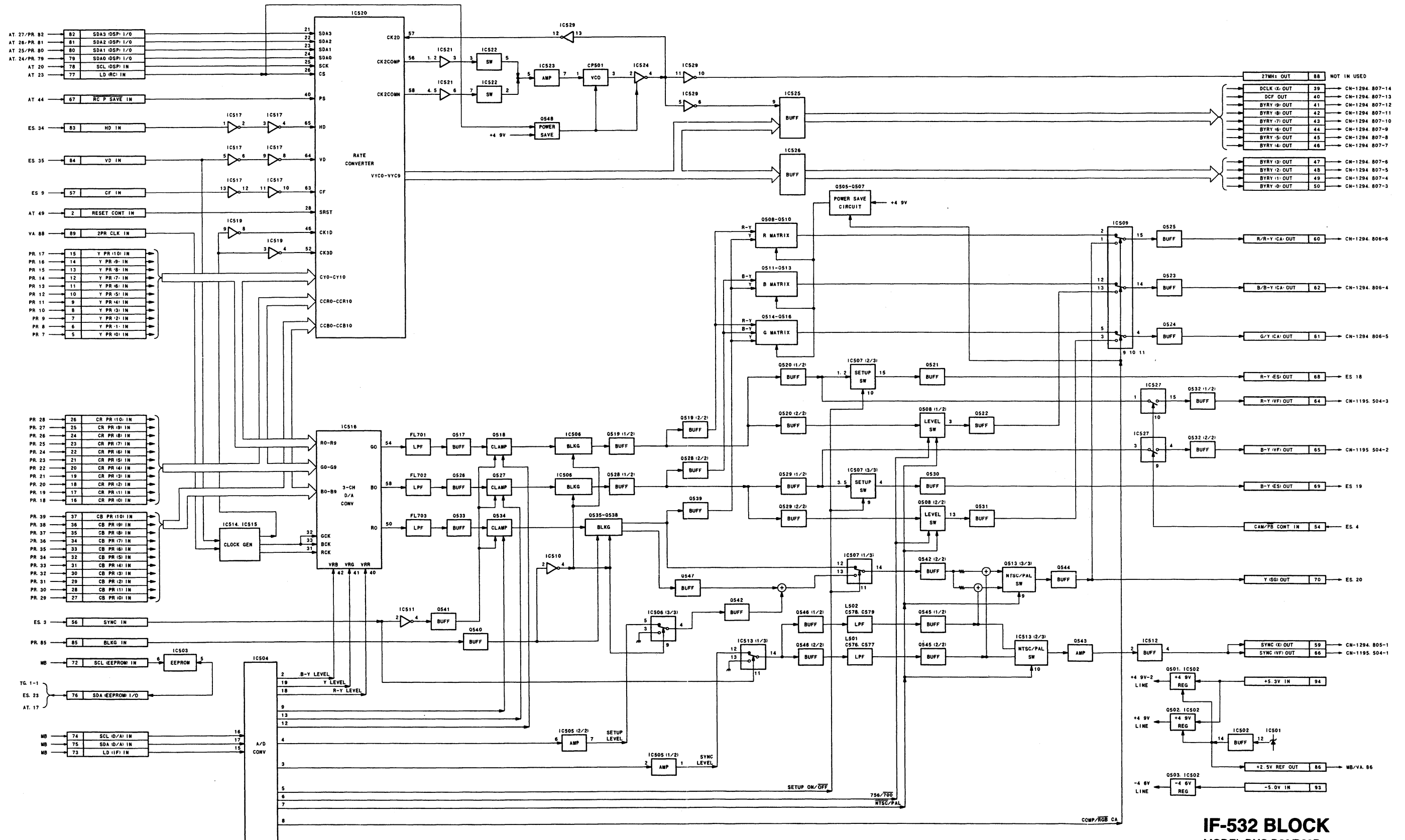
PR-216 BLOCK PR-216 BLOCK



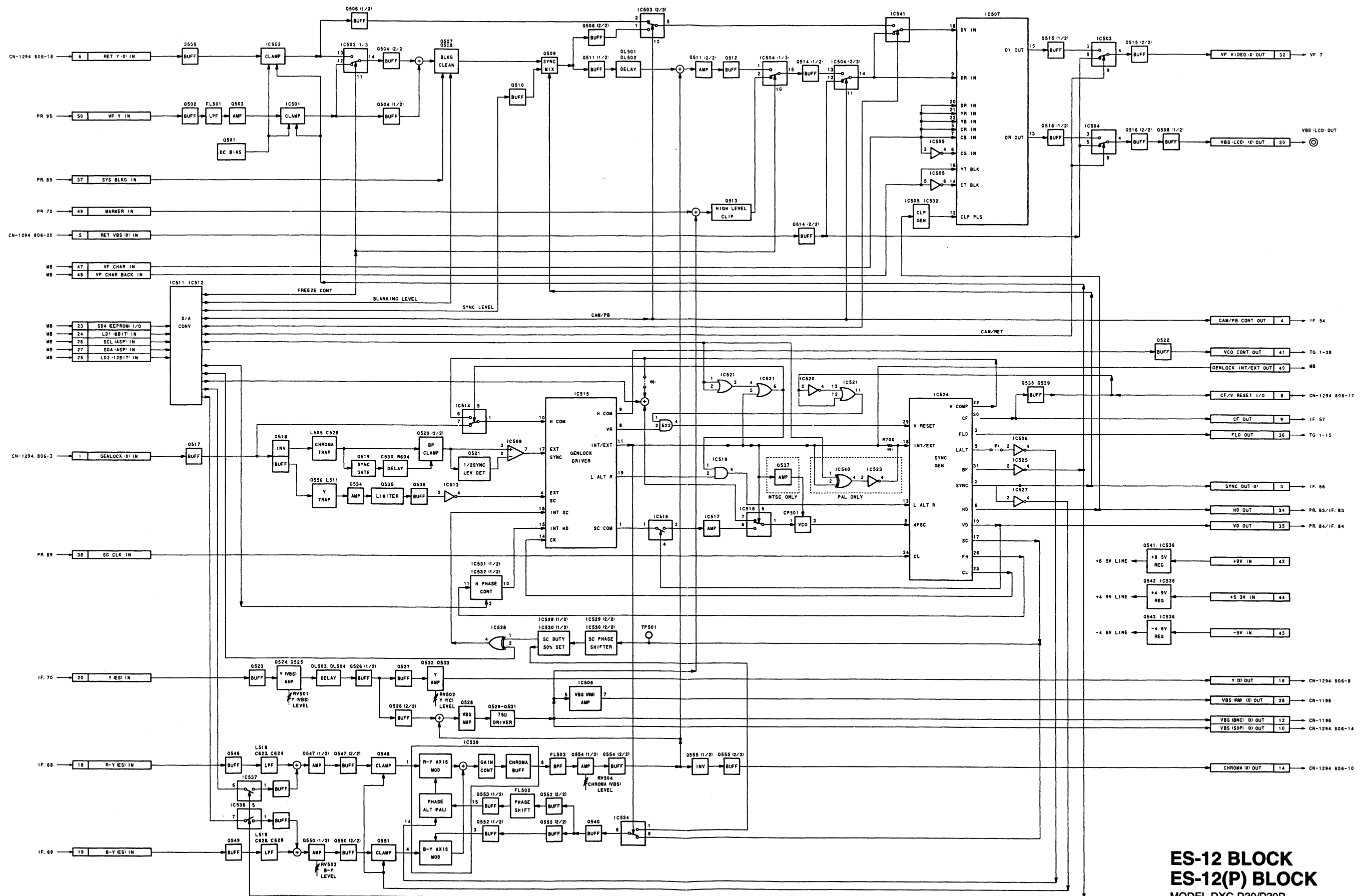
PR-216 BLOCK
MODEL DXC-D30/D30P
B-DXCD30-PR216BLOCK/M

DXC-D30 (J/UC)
DXC-D30P (CE)

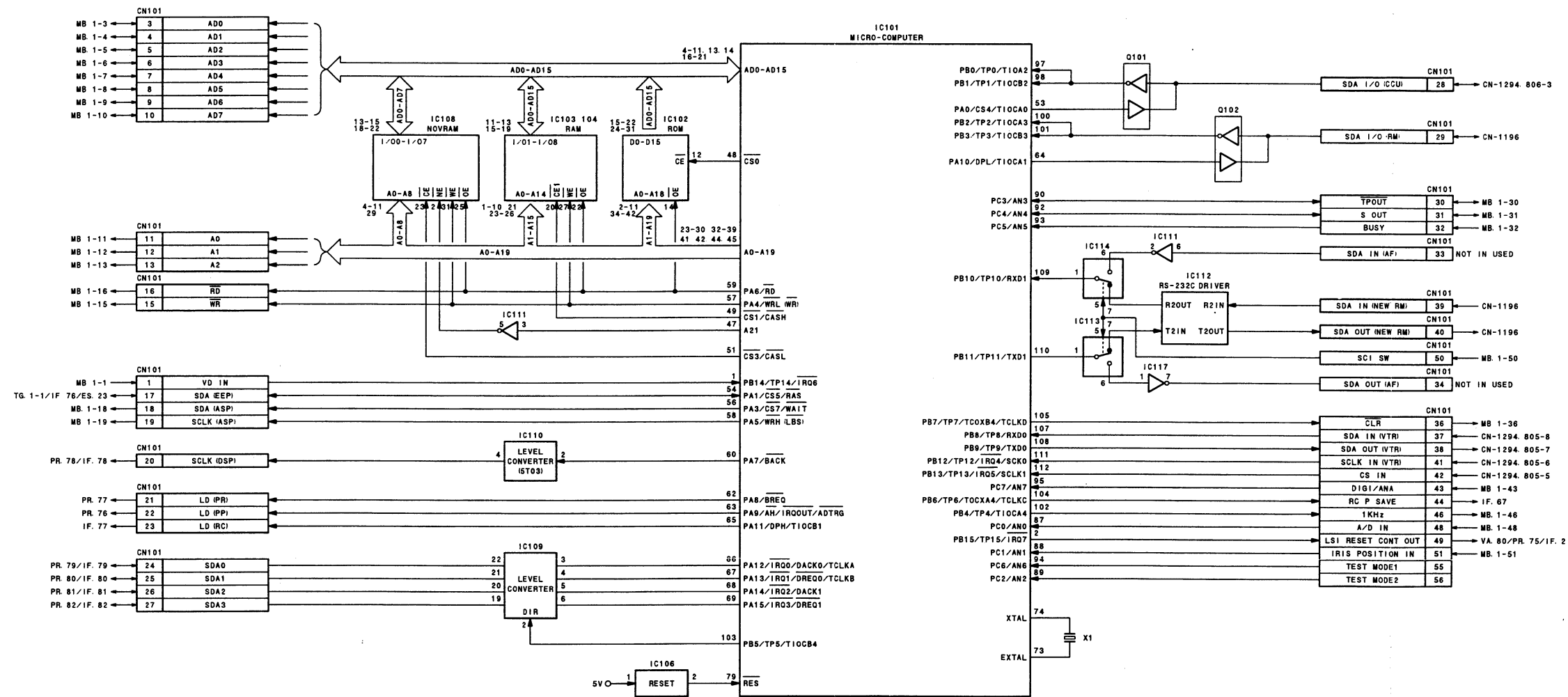
IF-532 BLOCK **IF-532 BLOCK**



IF-532 BLOCK
MODEL DXC-D30/D30P
B-DXCD30-IF532BLOCK/M



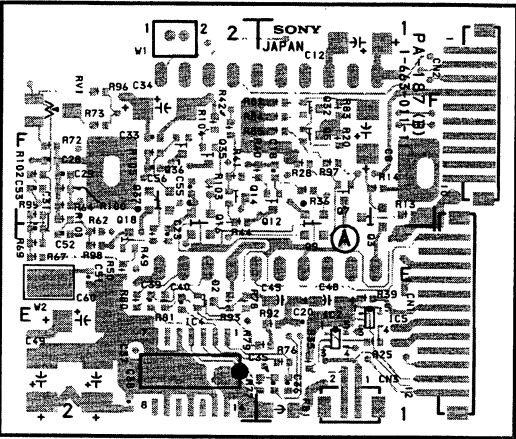
**ES-12 BLOCK
ES-12(P) BLOCK**
MODEL DXC-D30/D30P
B-DXCD30-ES12BLOCK/M



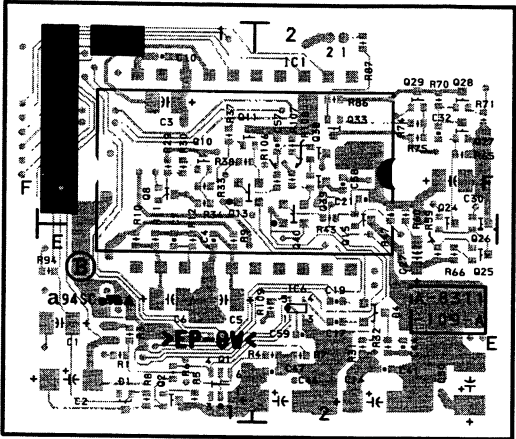
AT-110 BLOCK
MODEL DXC-D30/D30P
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SECTION 5
SCHEMATIC DIAGRAMS AND BOARD ILLUSTRATIONS

PA-187 BOARD

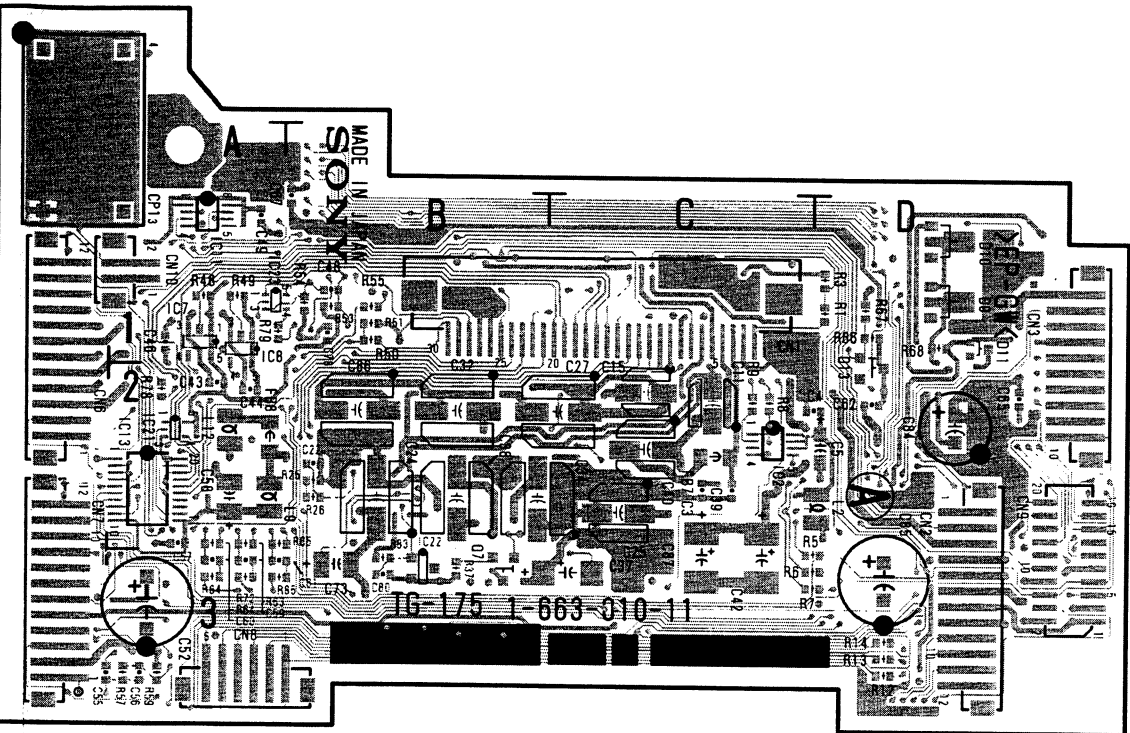


1-663-011-11 A SIDE



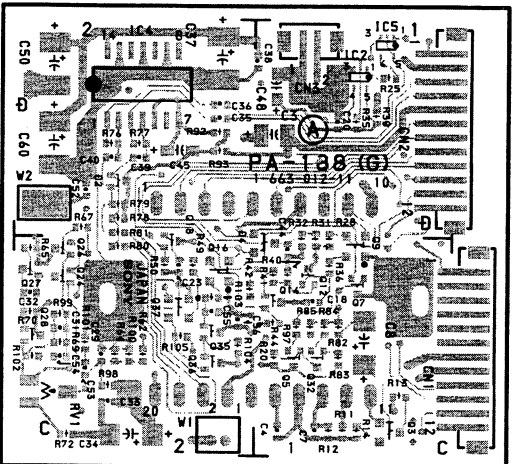
1-663-011-11 B SIDE

TG-175 BOARD

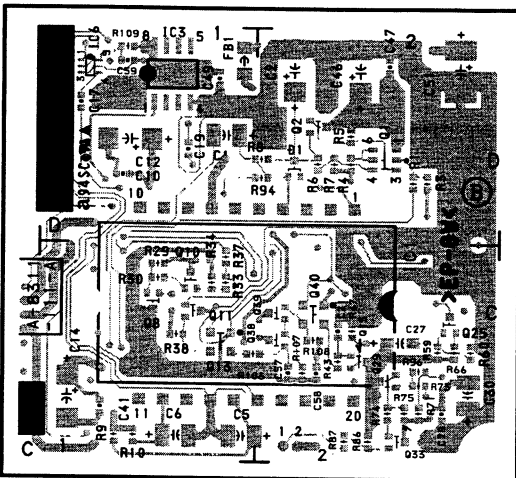


1-663-010-11 A SIDE

PA-188 BOARD

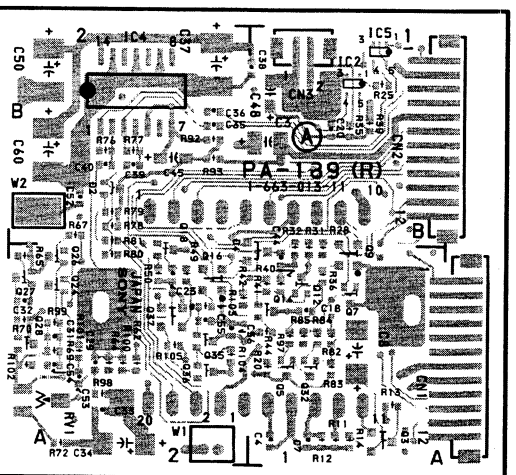


1-663-012-11 A SIDE

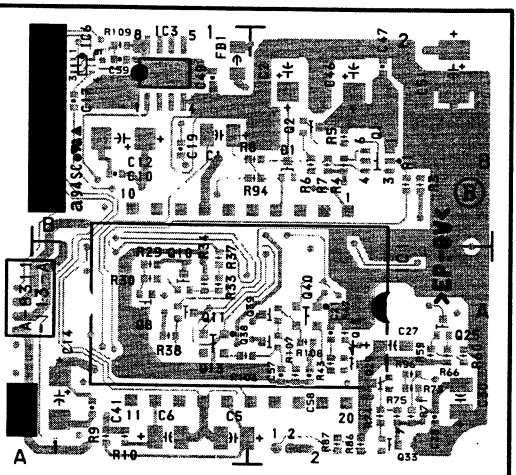


1-663-012-11 B SIDE

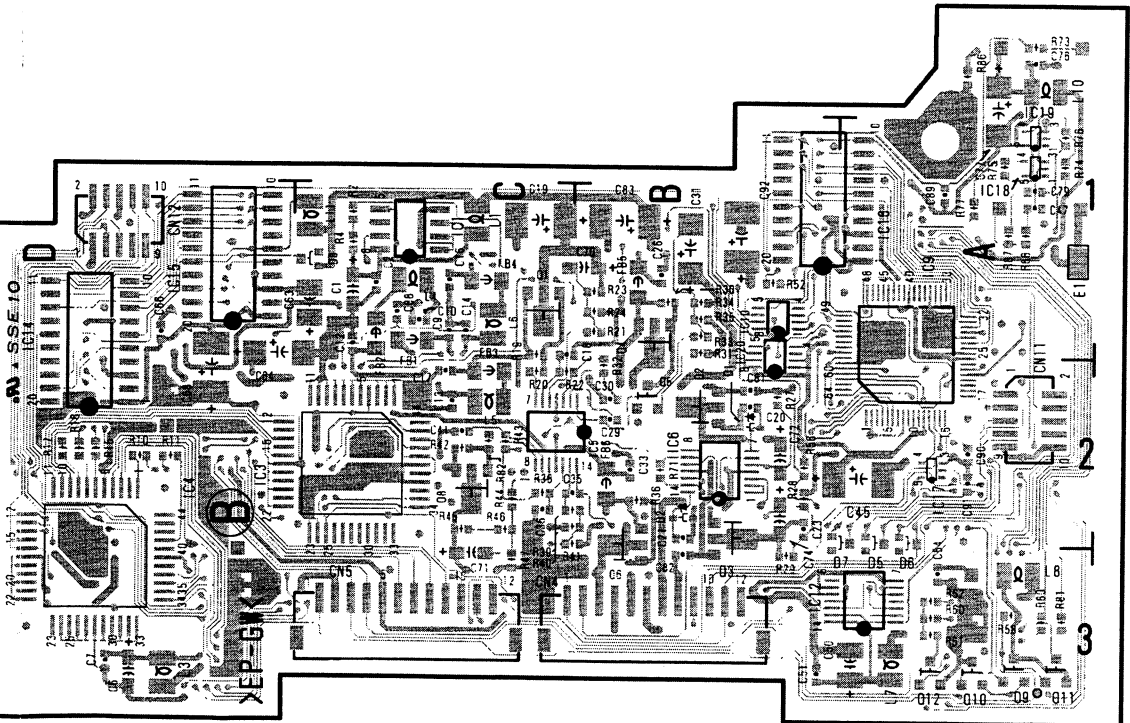
PA-189 BOARD



1-663-013-11 A SIDE



1-663-013-11 B SIDE



1-663-010-11 B SIDE

*: B SIDE

CN1 C1
CN2 D3
CN3 D1
*CN4 B3
*CN5 C3
CN6 A1
CN7 A3
CN8 A3
CN9 D3
CN10 A1
*CN11 A2
*CN12 D1

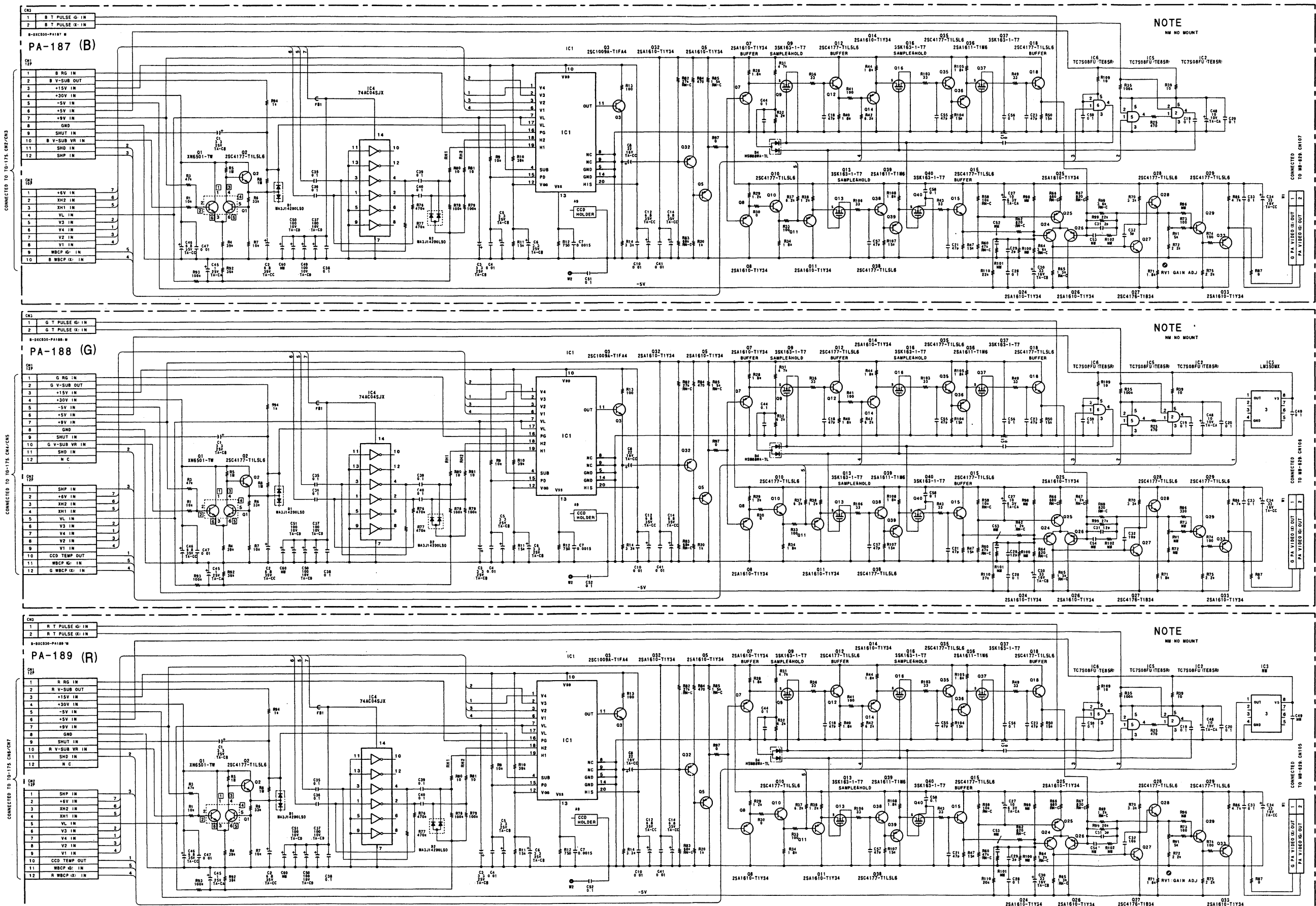
CP1 A1
*D1 B2
*D2 B2
*D5 A2
*D6 A2
*D7 A2
*D8 C1
D9 D1
D10 D1
D11 D1

*E1 A1
*FB1 C1
*FB2 C1
*FB3 C2
*FB4 C1
*FB5 B1
*FB6 B2
FB7 C2
FB8 A2

*IC1 C1
IC2 C2
*IC3 C2
*IC4 D3
*IC5 C2
*IC6 B2
IC7 A1
IC8 A1
*IC9 A1
*IC10 B1
IC11 A1
*IC12 A3
IC13 A2
*IC14 D1
*IC15 D1
*IC16 B1
*IC17 A2
*IC18 A1
*IC19 A1
*IC20 B1
IC21 A2
IC22 B3
IC23 A1

*L1 C1
L2 D2
*L3 D3
*L4 C1
*L5 C2
*L6 C1
*L7 A3
*L8 A3
L9 A2
*L10 A1
*L11 C1
L12 A2

*Q1 C1
*Q2 B2
*Q3 B2
*Q4 B1
*Q5 B2
*Q6 B2
Q7 B3
*Q8 C2
*Q9 A3
*Q10 A3
*Q11 A3
*Q12 A3
Q13 D1



DXC-D30 (JUC)
DXC-D30P (CE)

5-3

5-3

PA-187(B)
PART NO. 1-663-011-11
PA-188(G)
PART NO. 1-663-012-11
PA-189(R)
PART NO. 1-663-013-11
MODEL DXC-D30/D30P
A-DXCD30-PA/M

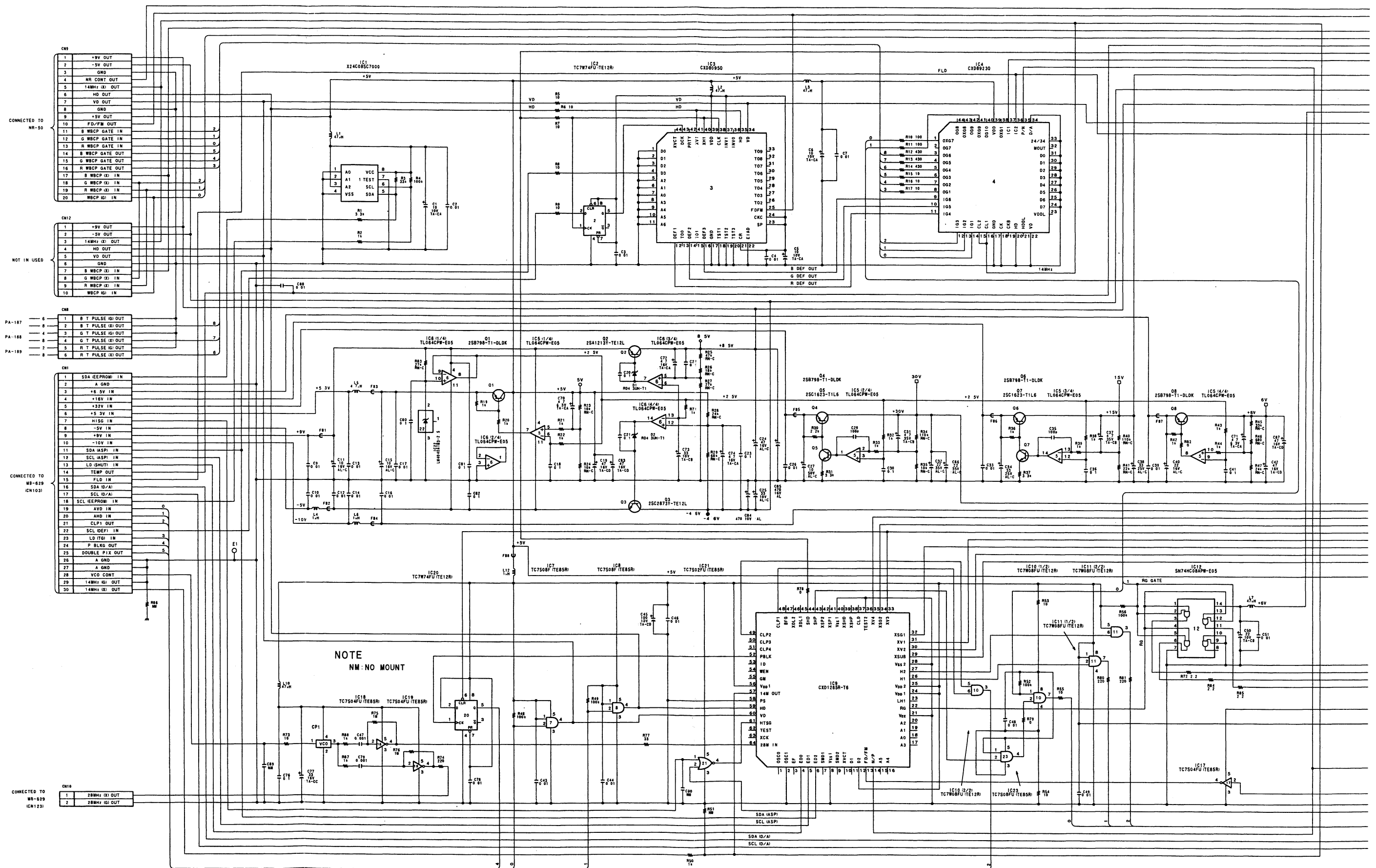
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5-4

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A

B

C

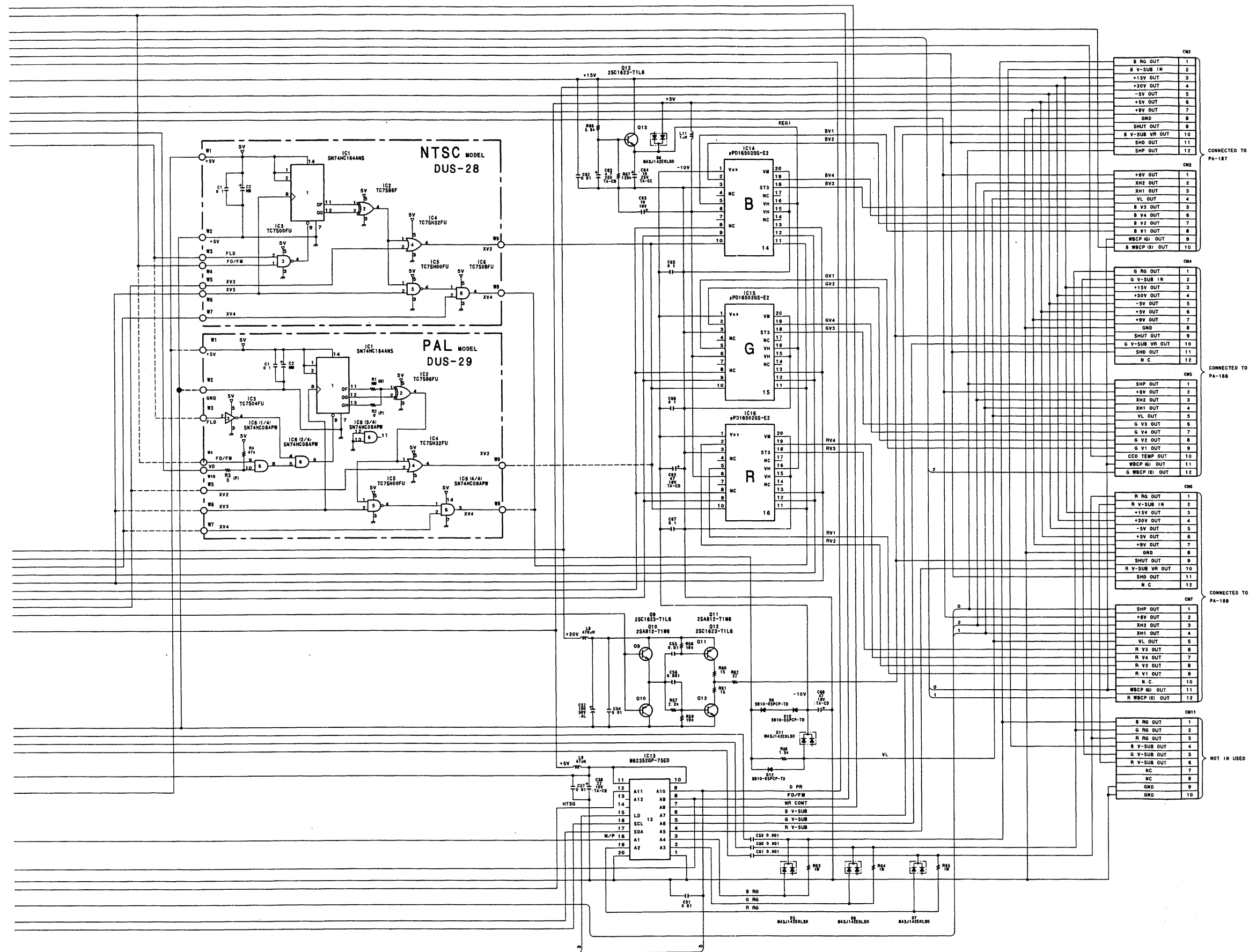
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E

F

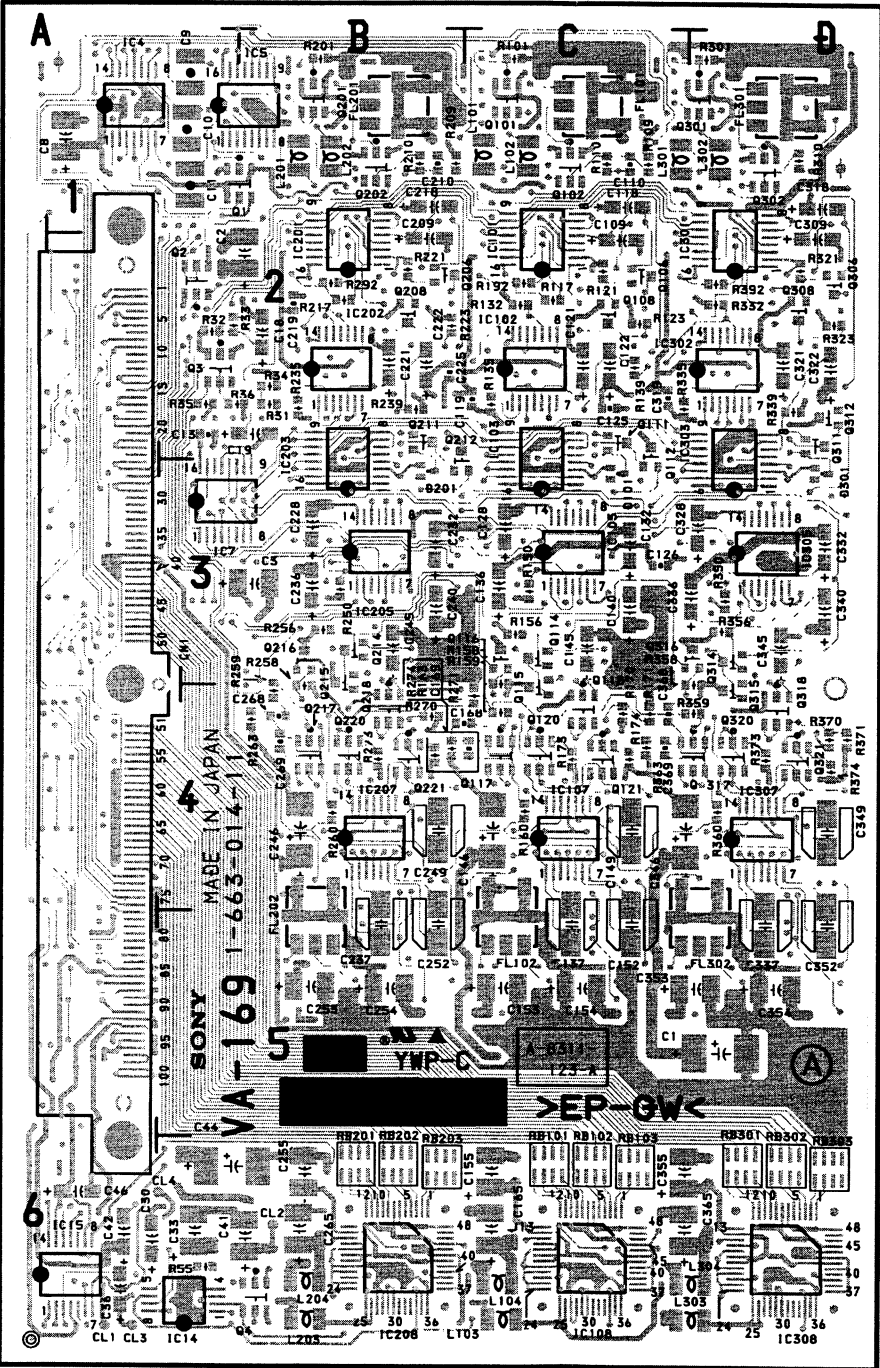
G

H

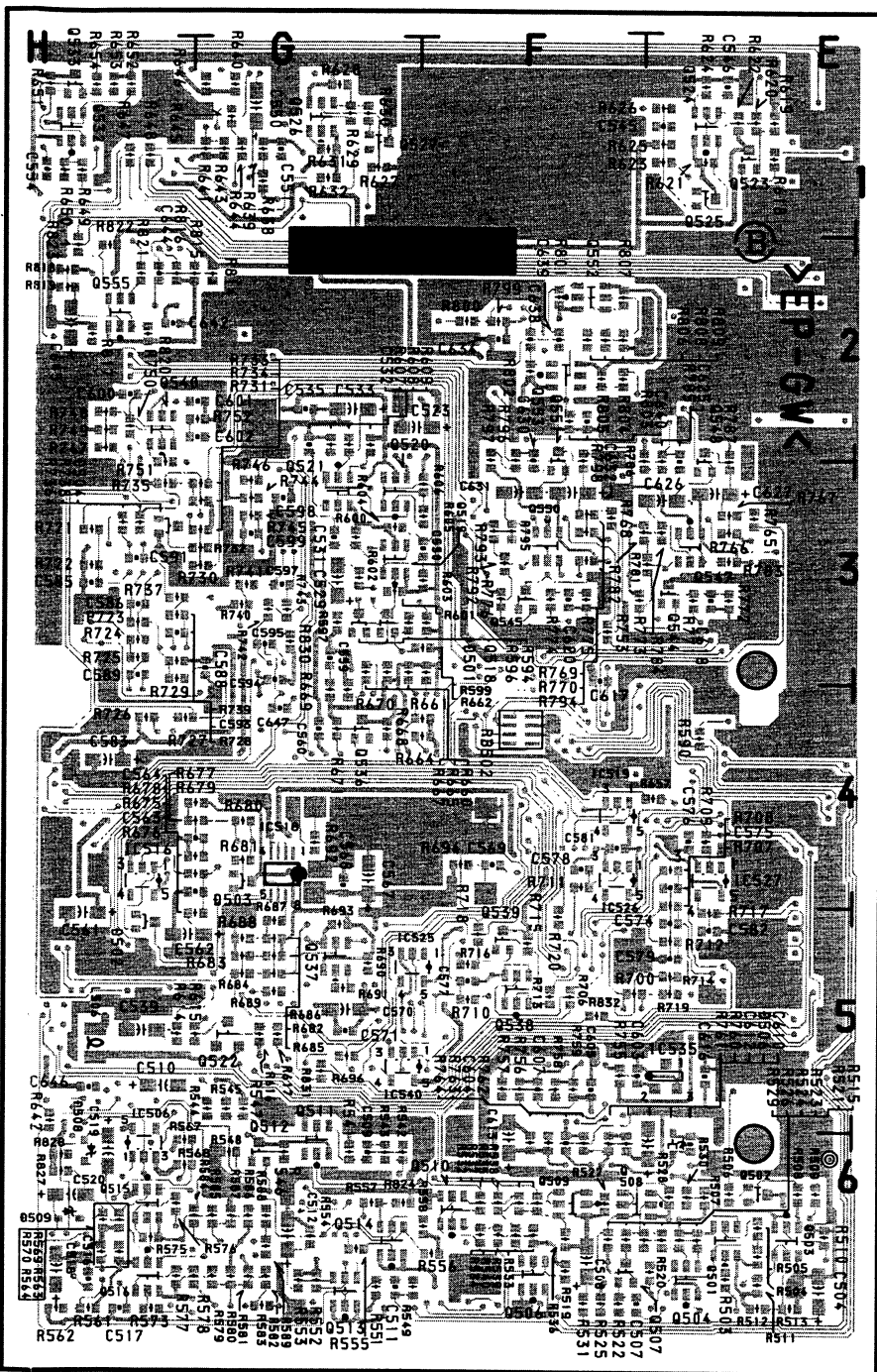


TG-175/175(P)
PART NO. 1-663-010-11
MODEL DXC-D30/D30P
B-DXCD30-TG175/M

VA-169 BOARD



1-663-014-11 A SIDE



1-663-014-11 B SIDE

VA-169 (1-663-014-11)

*: B SIDE

CN1	A3	*Q7	B5	RB102	C6
		*Q8	B6	RB103	C6
*D1	A1	*Q9	A5	RB201	B6
*D4	B5	Q101	C1	RB202	B6
*D5	A5	Q102	C1	RB203	B6
D101	C3	*Q103	C2	RB301	D6
*D102	C3	*Q104	C2	RB302	D6
D201	B3	*Q105	C2	RB303	D6
*D202	B3	Q106	C2		
D301	D3	*Q107	C2		
*D302	D3	Q108	C2		
		*Q109	C2		
FL101	C1	*Q110	C2		
FL201	B1	Q111	C2		
FL301	D1	Q112	C2		
		*Q113	C3		
*IC1	A3	Q114	C3		
*IC2	A4	Q115	C4		
*IC3	A2	Q116	C3		
IC4	A1	Q117	C4		
IC5	B1	Q118	C4		
IC7	A3	*Q119	C4		
*IC9	A2	Q120	C4		
*IC10	A2	Q121	C4		
*IC11	A3	Q201	B1		
*IC12	A4	Q202	B1		
*IC13	A5	*Q203	B2		
IC14	A6	*Q204	B2		
IC15	A6	*Q205	B2		
IC101	C2	Q206	B2		
IC102	C2	*Q207	B2		
IC103	C2	Q208	B2		
IC105	C3	*Q209	B2		
*IC106	C5	*Q210	B2		
IC107	C4	Q211	B2		
IC108	C6	Q212	B3		
IC201	B2	*Q213	B3		
IC202	B2	Q214	B3		
IC203	B2	Q215	B3		
IC205	B3	Q216	B3		
*IC206	B5	Q217	B4		
IC207	B4	Q218	B4		
IC208	B6	*Q219	B4		
IC301	D2	Q220	B4		
IC302	D2	Q221	B4		
IC303	D2	Q301	D1		
IC305	D3	Q302	D1		
*IC306	D5	*Q303	D2		
IC307	D4	*Q304	D2		
IC308	D6	*Q305	D2		
		Q306	D2		
*L1	A6	*Q307	D2		
L101	C1	Q308	D2		
L102	C1	*Q309	D2		
L103	C6	*Q310	D2		
L104	C6	Q311	D2		
L201	B1	Q312	D2		
L202	B1	*Q313	D3		
L203	B6	Q314	D3		
L204	B6	Q315	D4		
L301	C1	Q316	D3		
L302	D1	Q317	D4		
L303	D6	Q318	D4		
L304	D6	*Q319	D4		
		Q320	D4		
		Q321	D4		
Q1	B1				
Q2	A2				
Q3	A2	*RB1	A3		
Q4	B6	*RB2	A3		
*Q6	A6	RB101	C6		

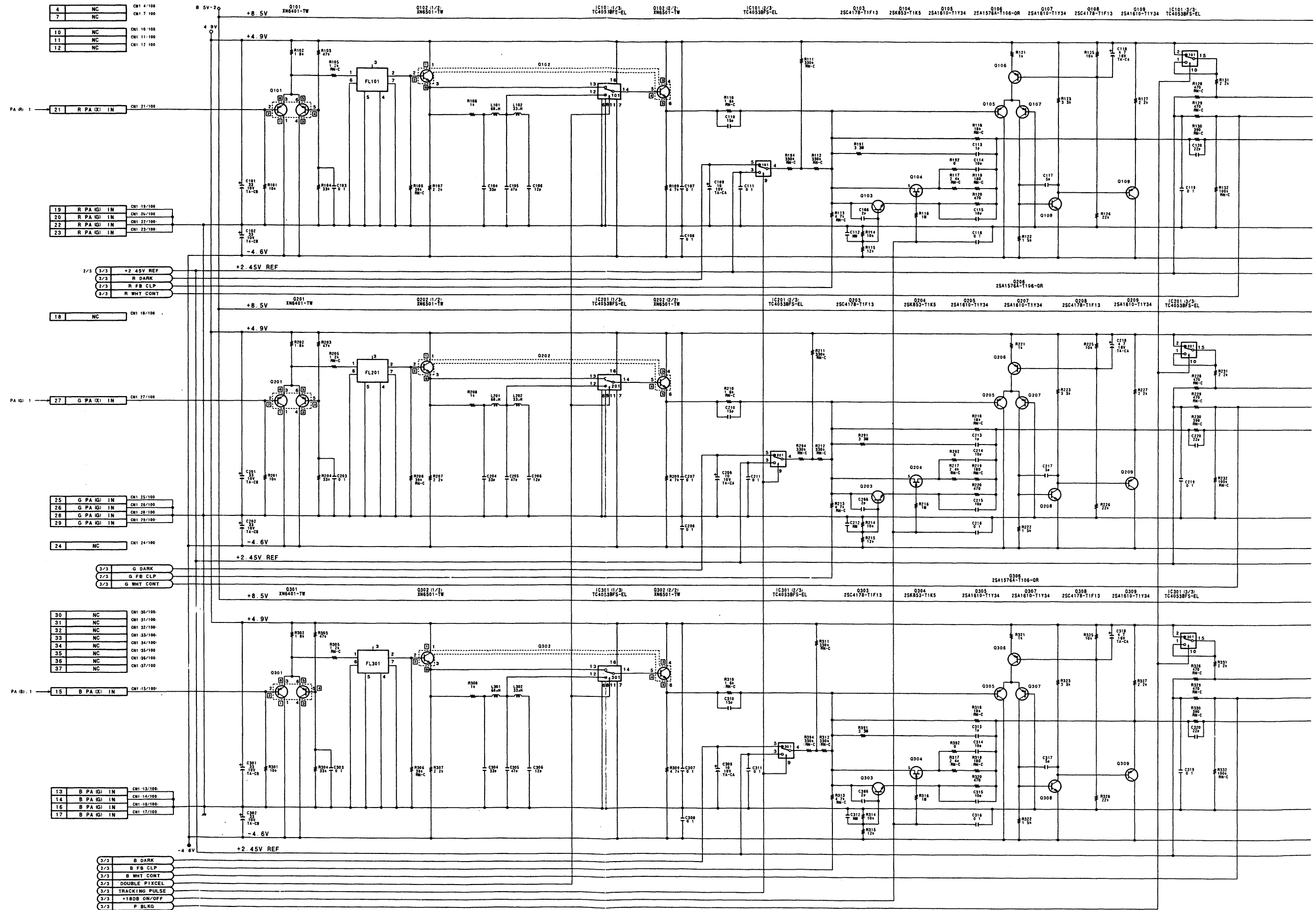
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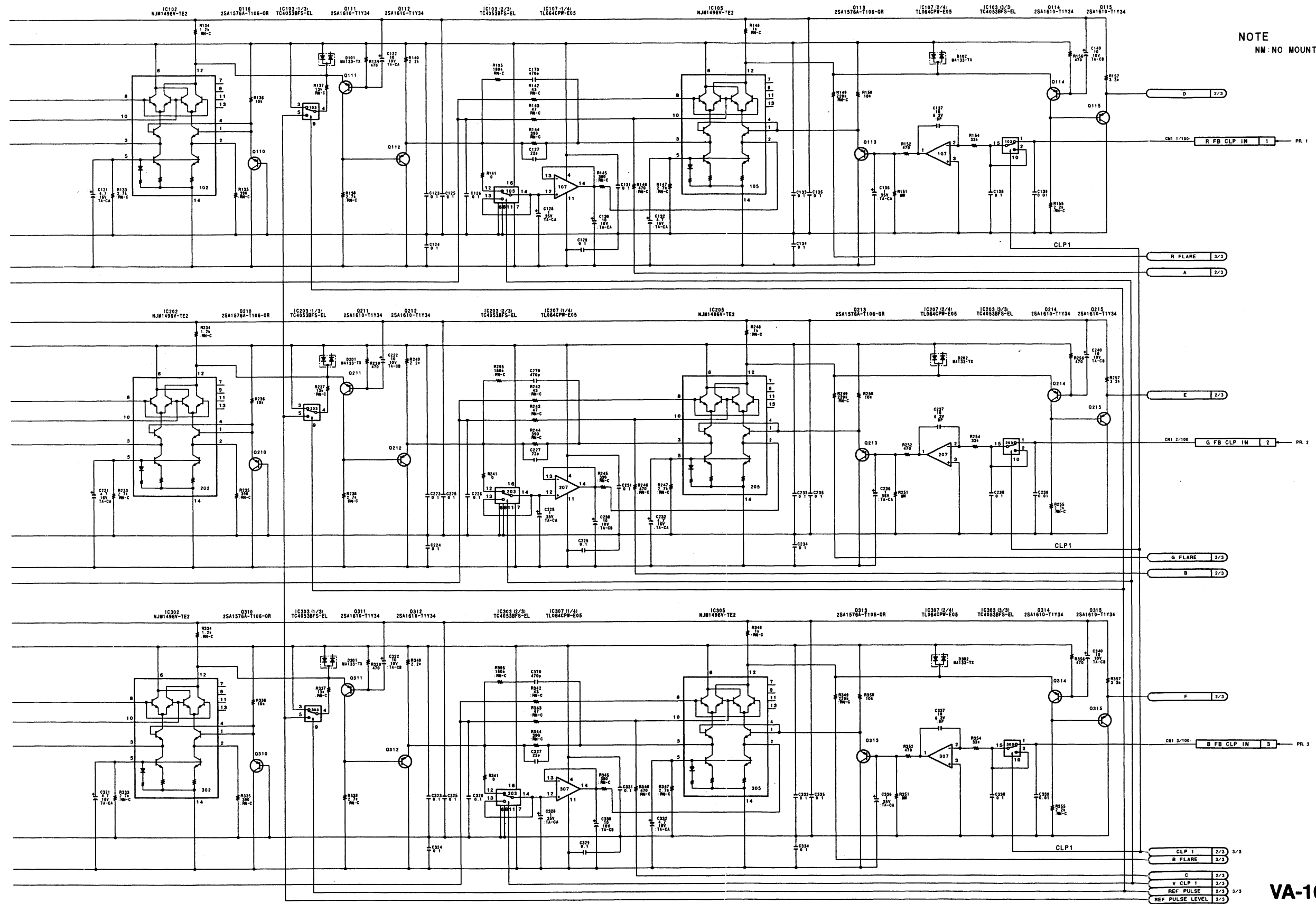


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5-8

A B C D E F G H

DXC-D30 (J/UC)
DXC-D30P (CE)



DXC-D30 (JUC)
DXC-D30P (CE)

5-9

5-9

VA-169(1/3)
PART NO. 1-663-014-11
MODEL DXC-D30/D30P
B-DXCD30-VA169/M

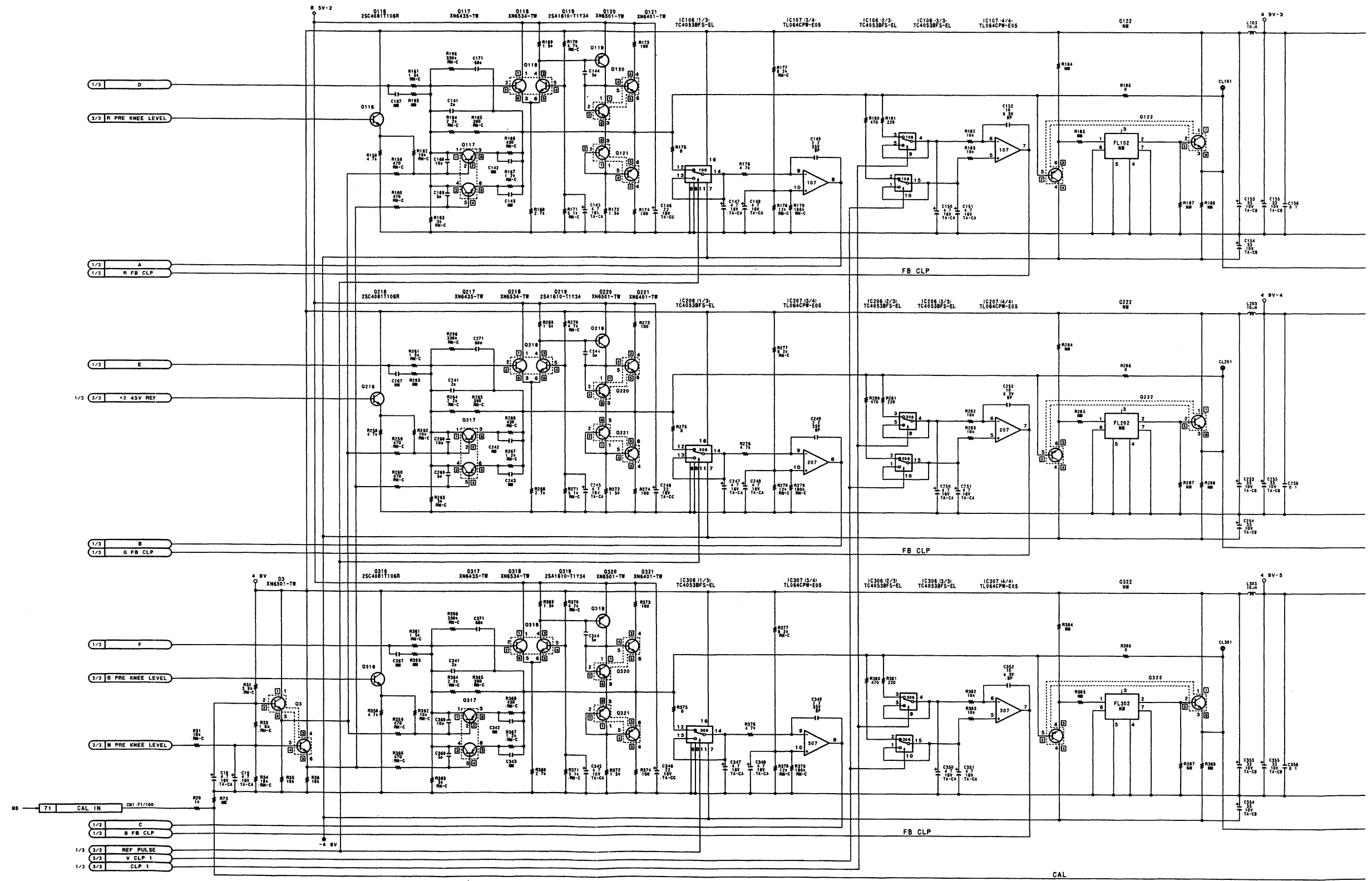
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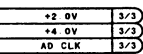
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5-10

5-10



VA-169(2/3)
PART NO. 1-663-014-11
MODEL DXC-D30/D30P
B-DXCD30-VA169/M

5

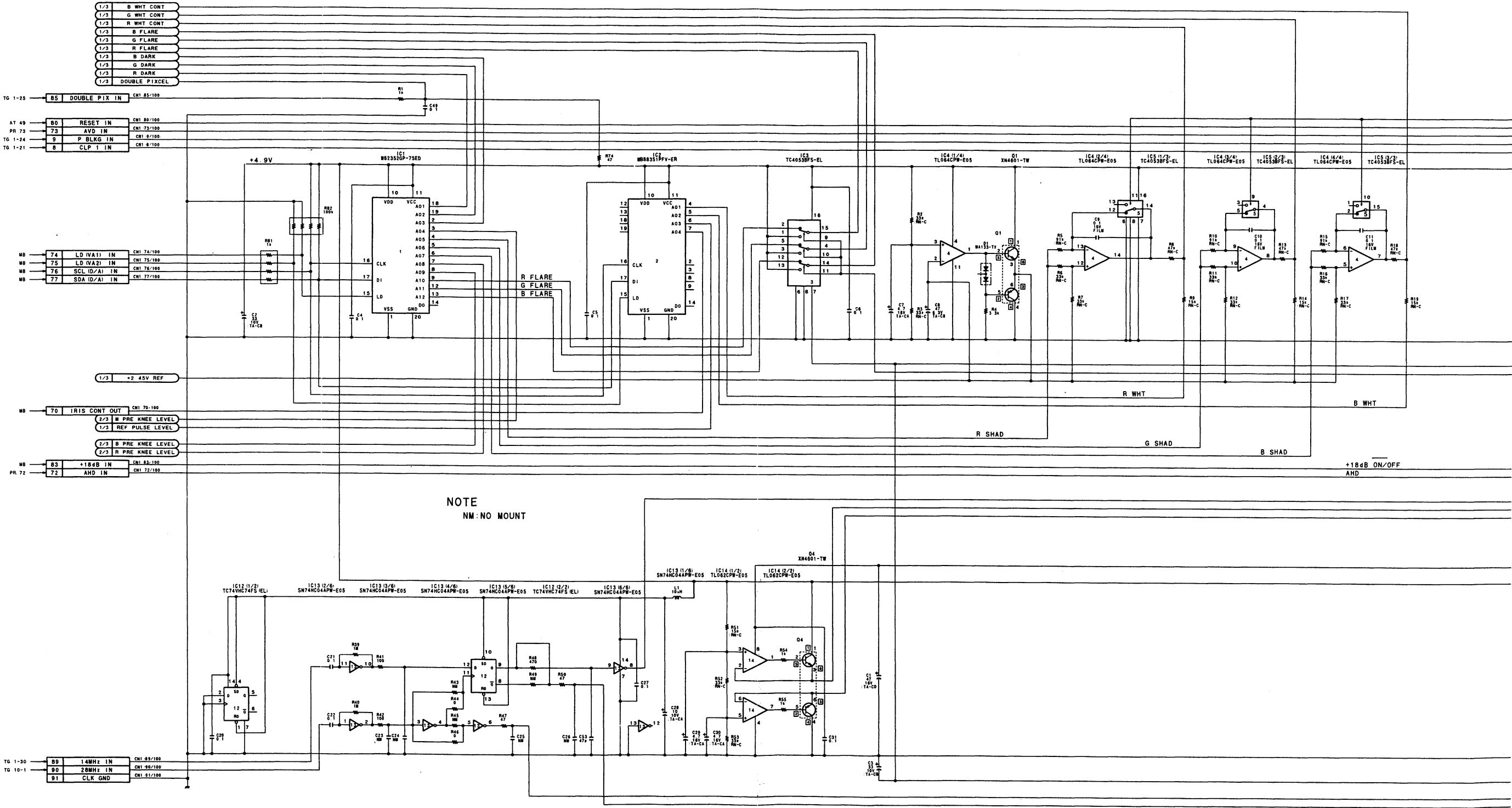
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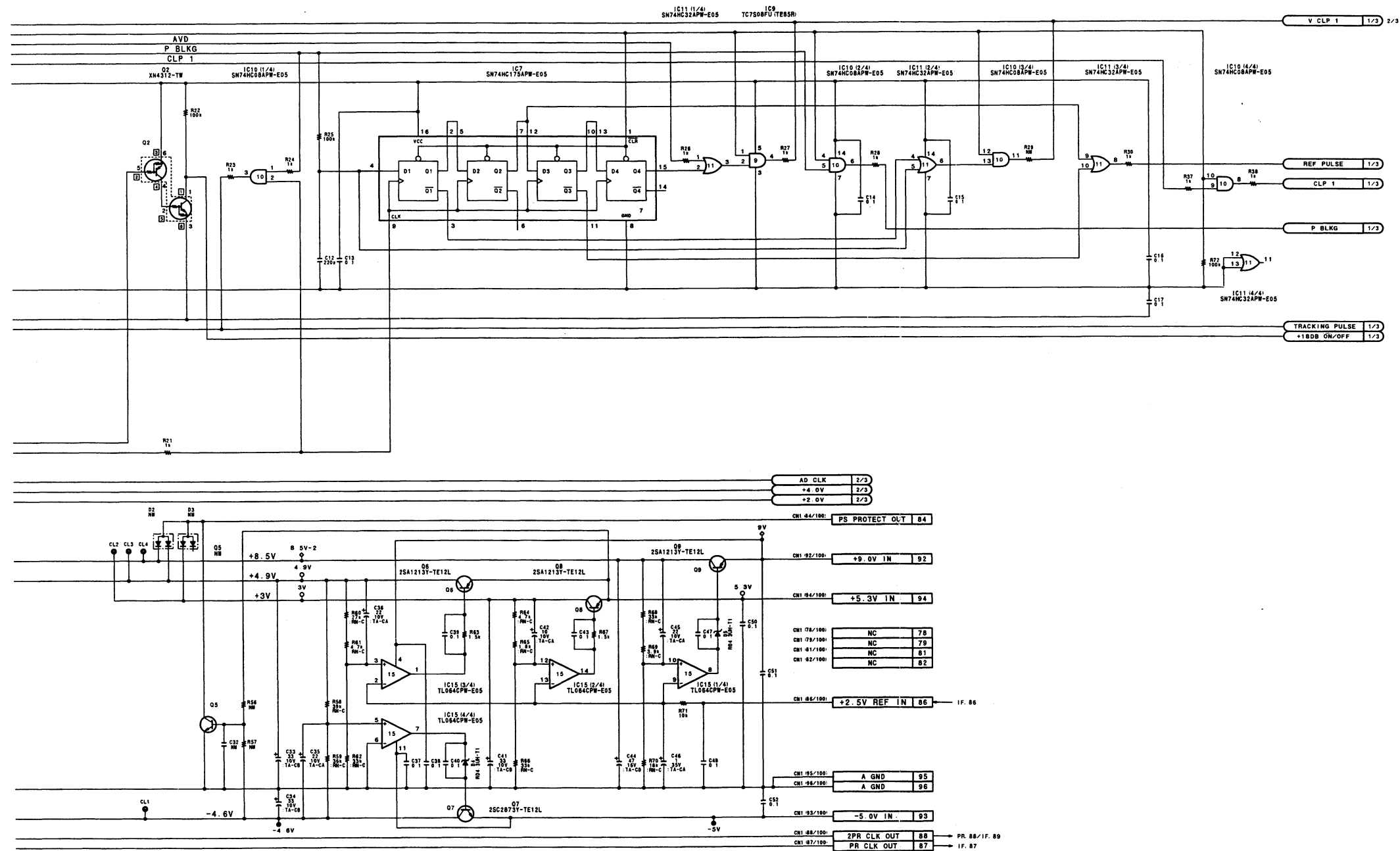
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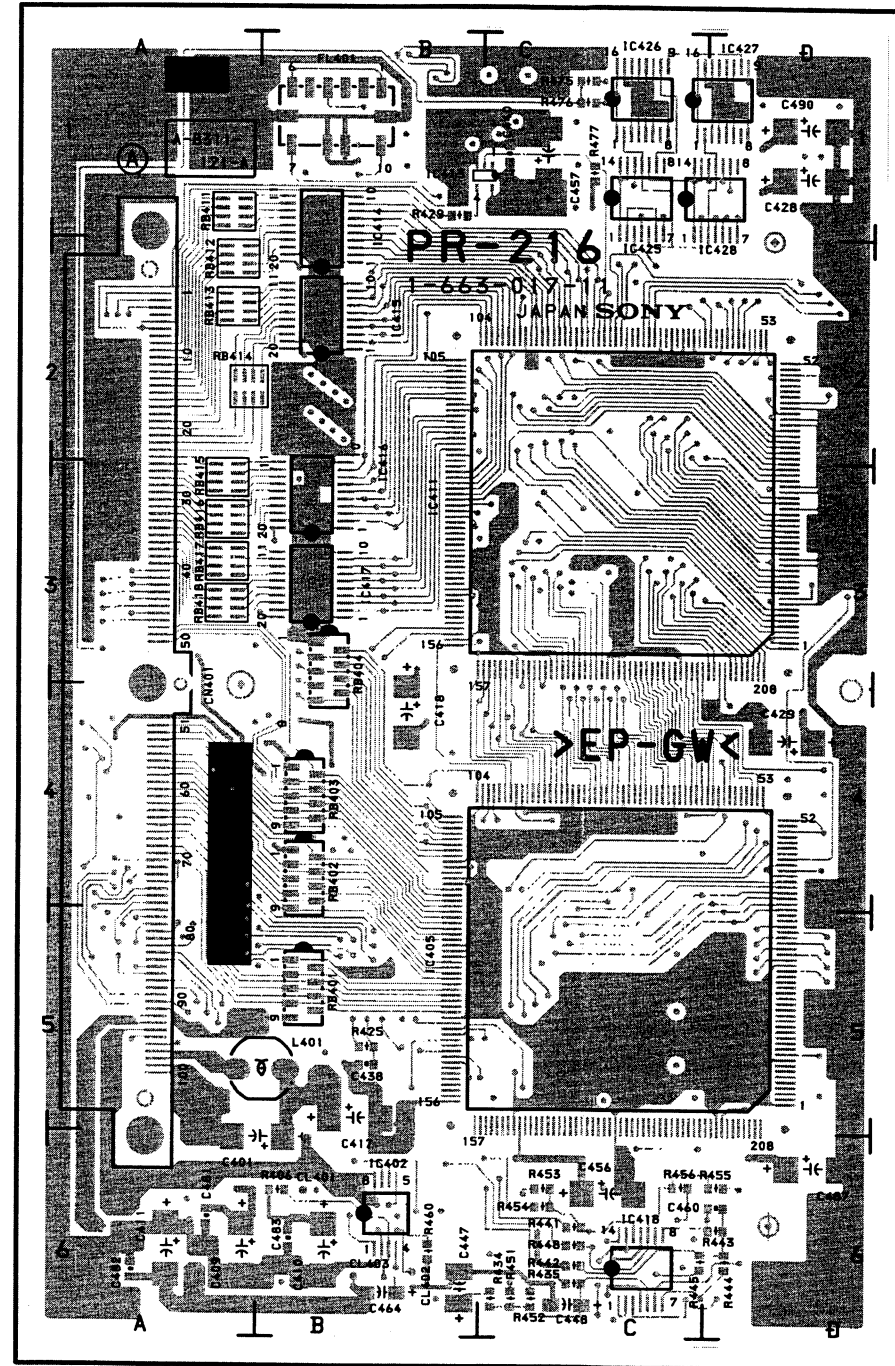
5



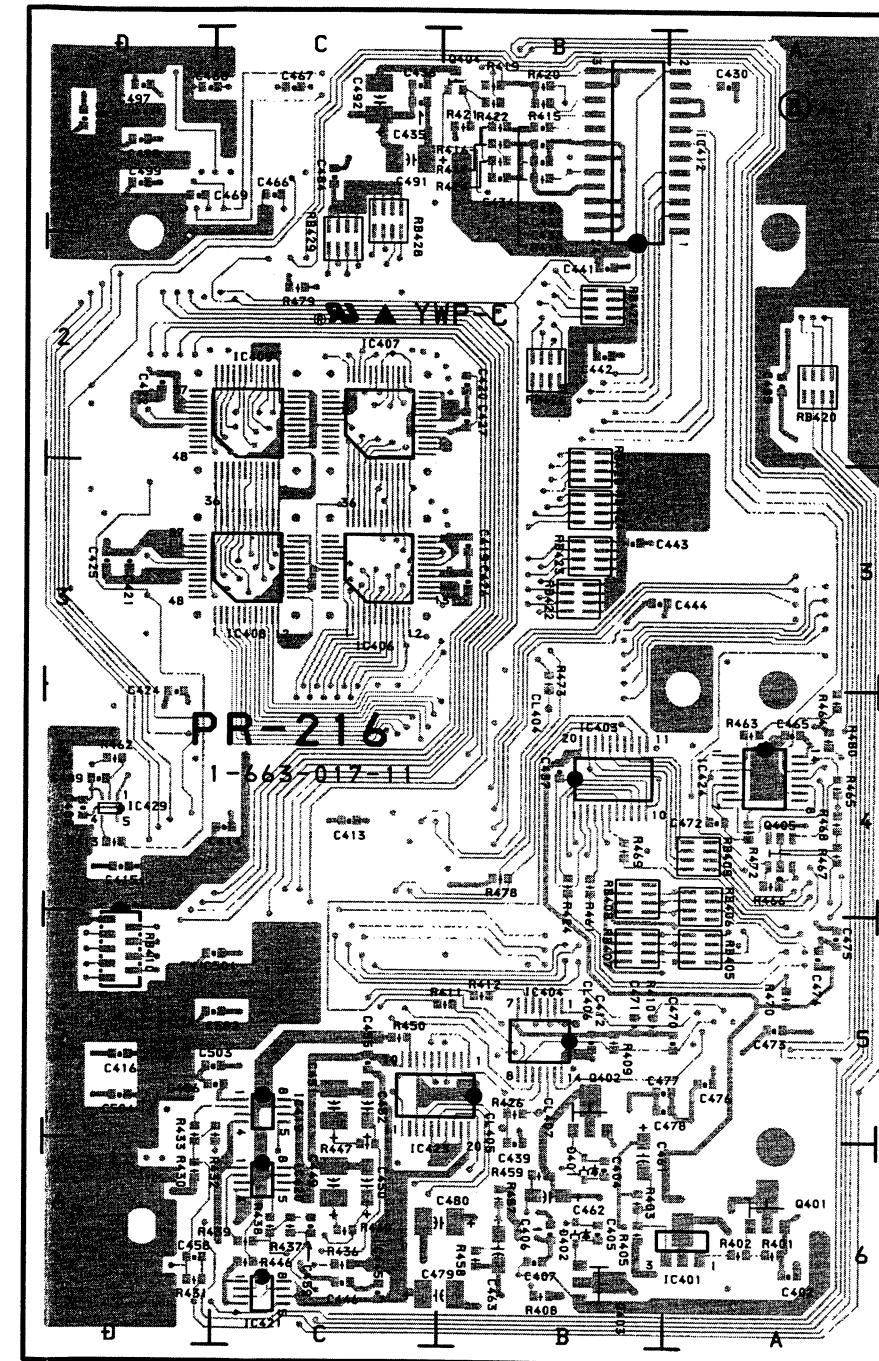


VA-169(3/3)
PART NO. 1-663-014-11
MODEL DXC-D30/D30P
B-DXCD30-VA169/M

PR-216 BOARD



1-663-017-11 A SIDE



1-663-017-11 B SIDE

PR-216 (1-663-017-11)

*: B SIDE
CN401 A3

*D401 B6
*D402 B6

FL401 B1

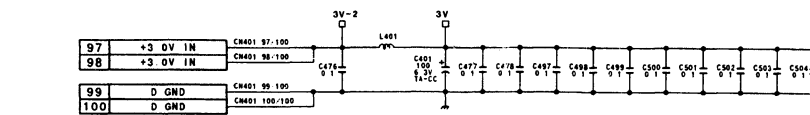
*IC401 A6
IC402 B6
*IC403 B4
*IC404 B5
IC405 C5
*IC406 C3
*IC407 C2
*IC408 C3
*IC409 C2
IC411 C3
*IC412 B1
IC413 B1
IC414 B1
IC415 B2
IC416 B3
IC417 B3
IC418 C6
*IC423 C5
*IC424 A4
IC425 C1
IC426 C1
IC427 D1
IC428 D1
*IC429 D4

L401 B5

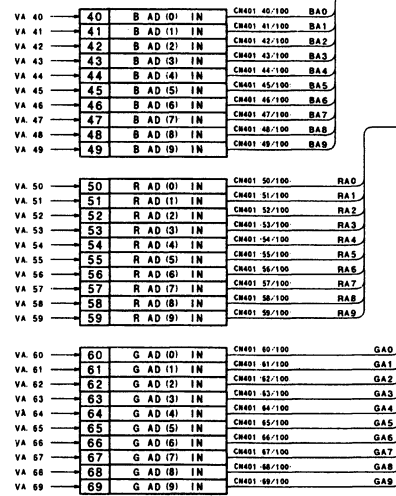
*Q401 A6
*Q402 B5
*Q403 B6
*Q404 B1
*Q405 A4

RB401 B5
RB402 B4
RB403 B4
RB404 B3
*RB405 A5
*RB406 A4
*RB407 B5
*RB408 B4
*RB409 A4
*RB410 D5
RB411 A1
RB412 A2
RB413 A2
RB414 A2
RB415 A3
RB416 A3
RB417 A3
RB418 A3
*RB420 A2
*RB422 B3
*RB423 B3
*RB424 B3
*RB425 B3
*RB426 B2
*RB427 B2
*RB428 C1
*RB429 C2

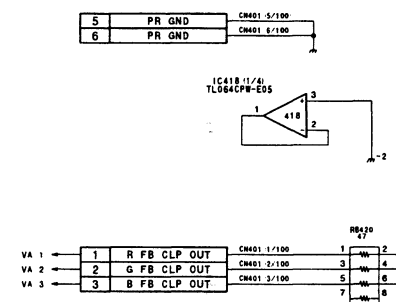
1



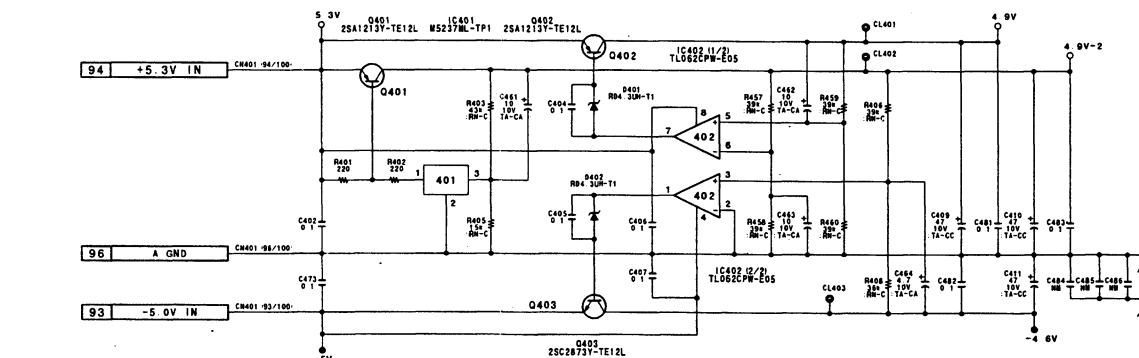
2



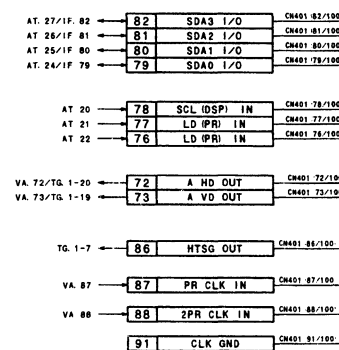
3



4

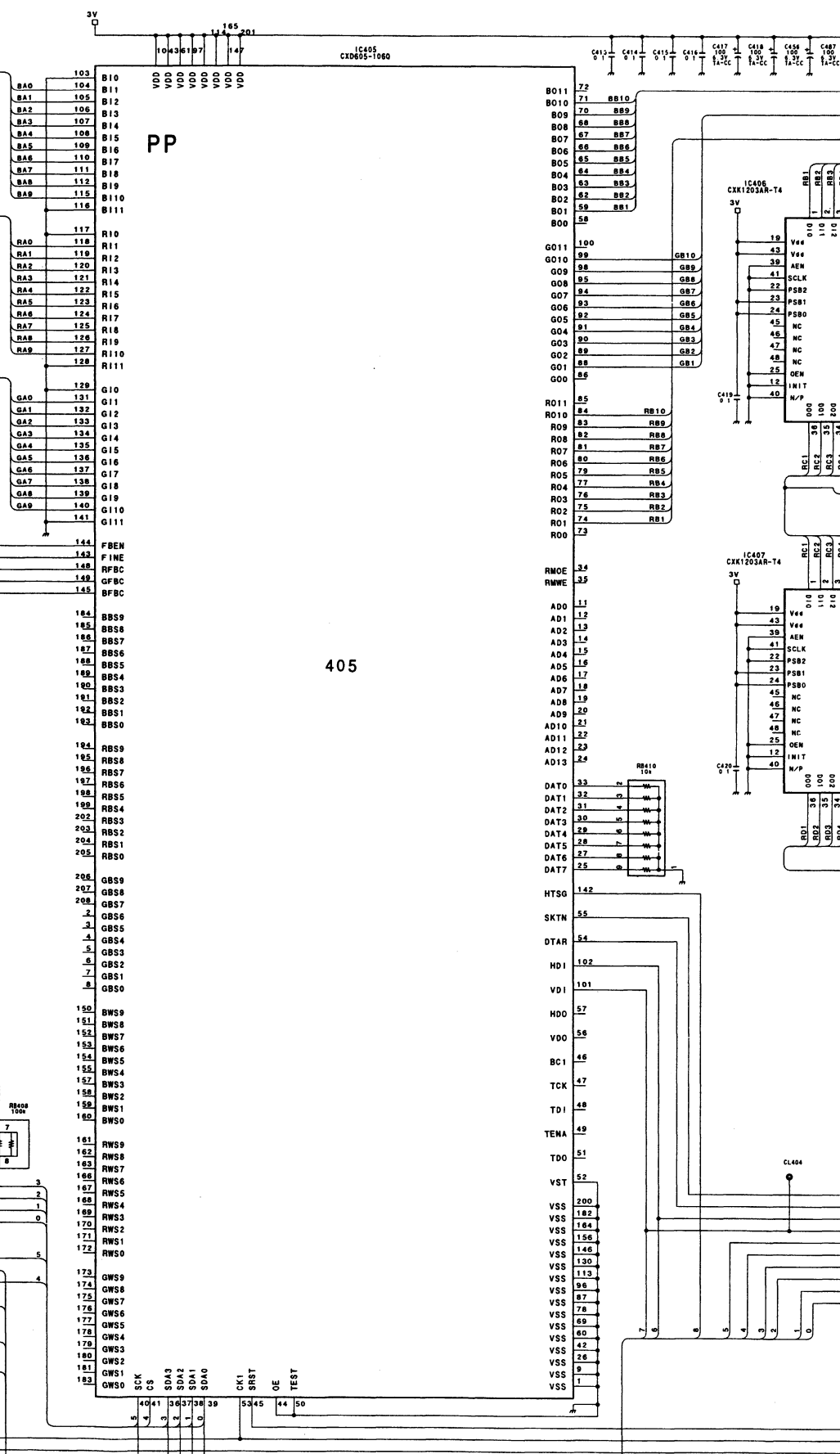


5



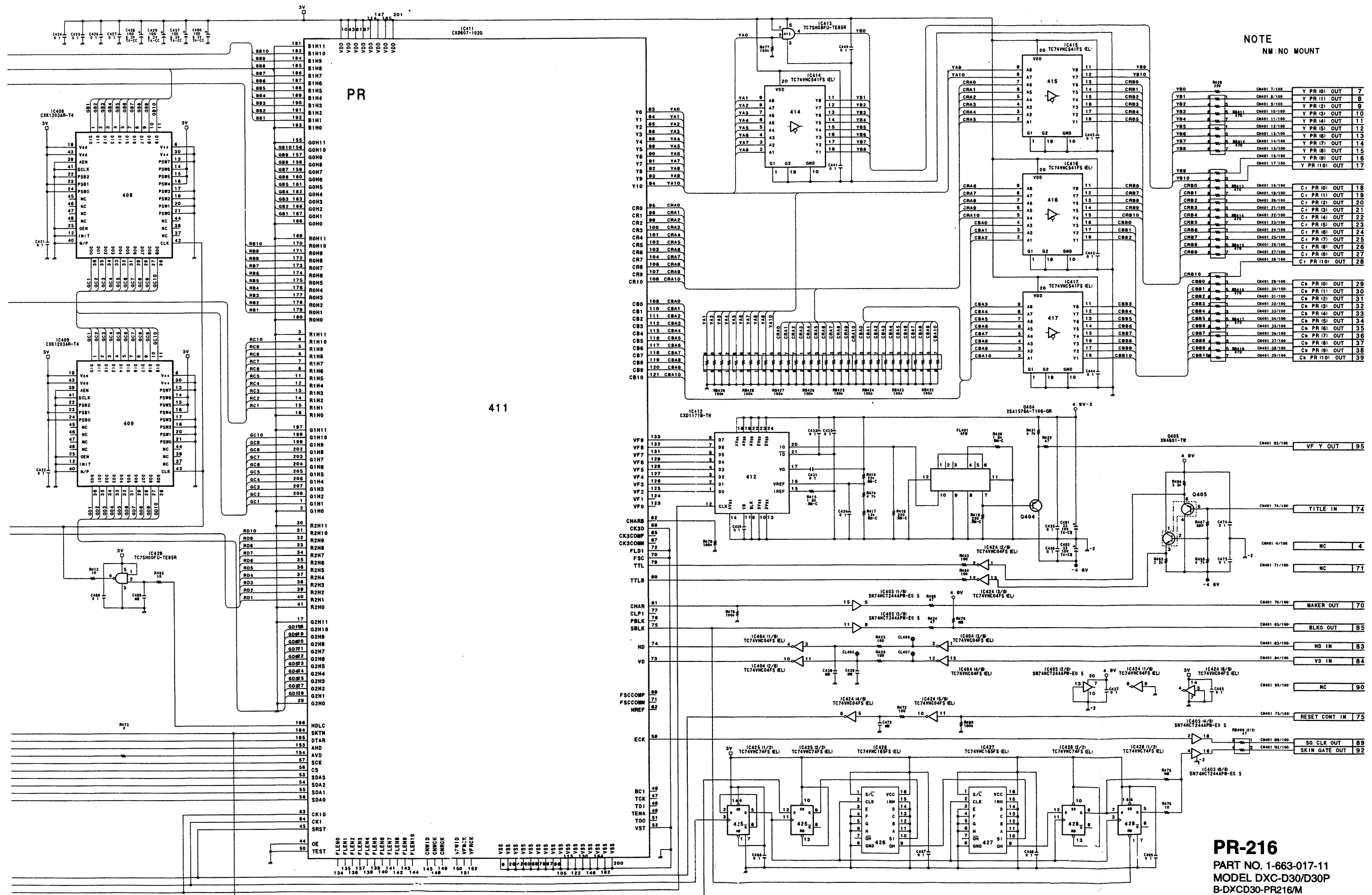
5-16

PP



405

5-16



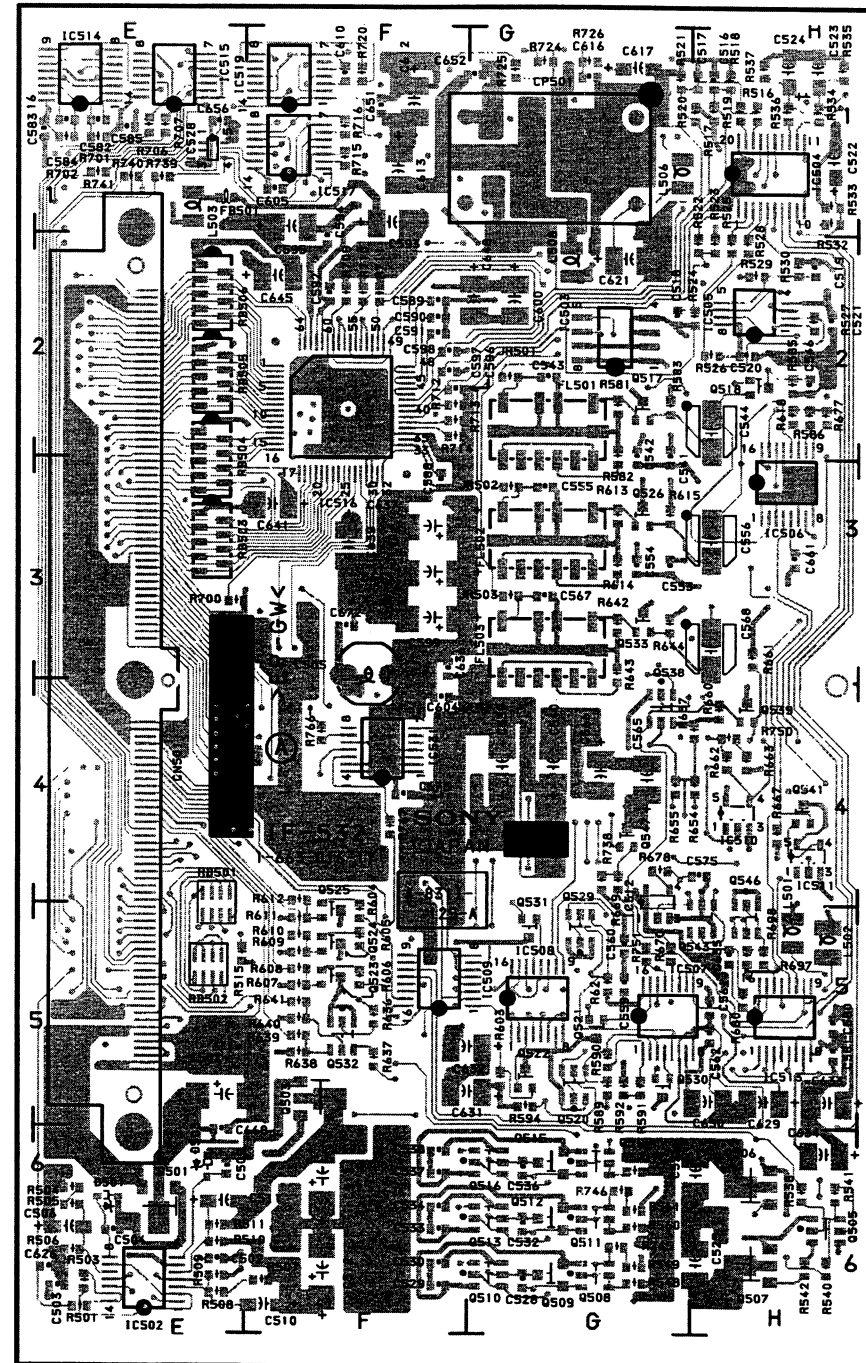
DXC-D30 (JUC)
DXC-D30P (CE)

5-17

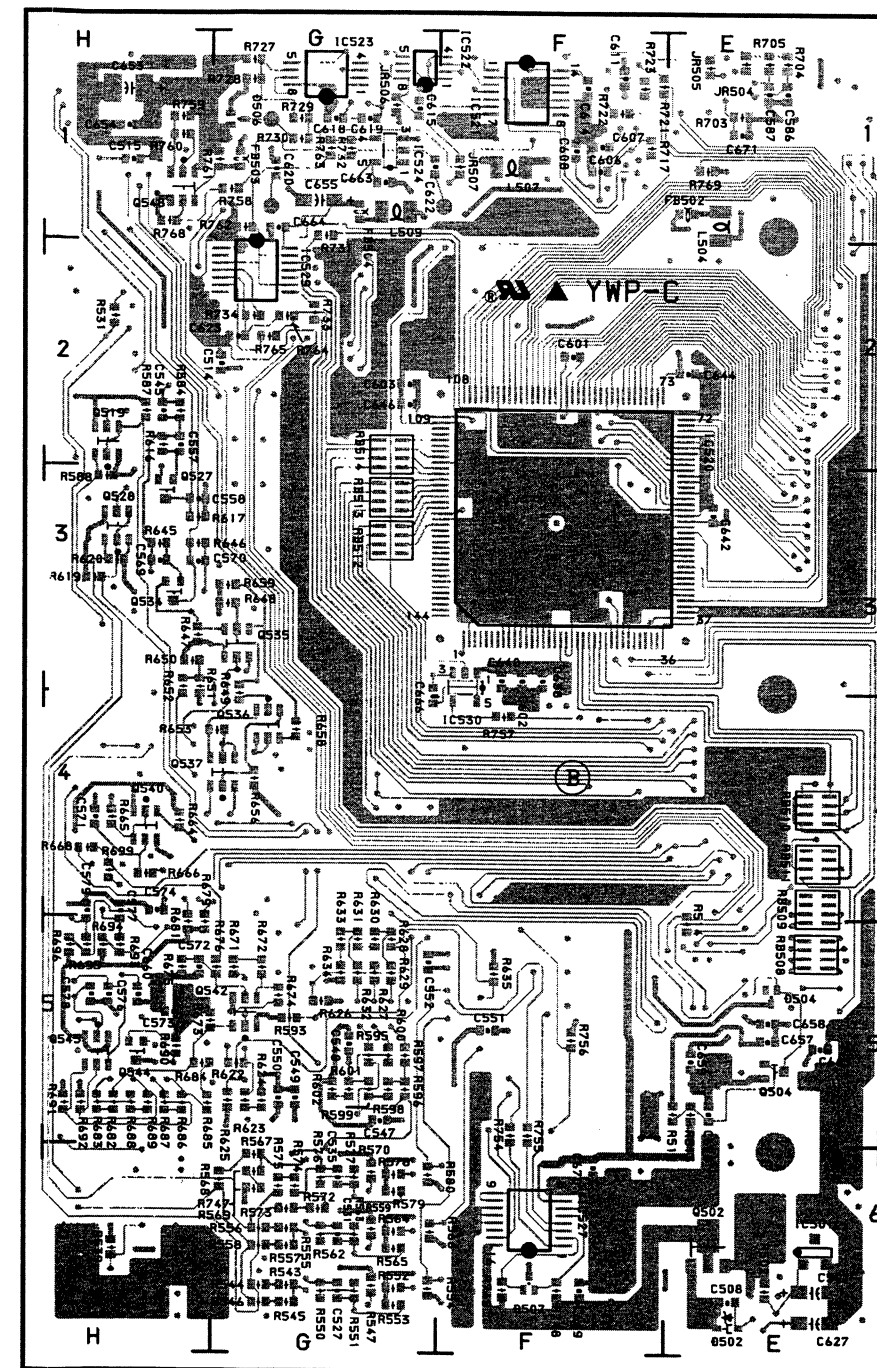
5-17

PR-216
PART NO. 1-663-017-11
MODEL DXC-D30/D30P
B-DXCD30-PR216/M

IF-532 BOARD



1-663-016-11 A SIDE



1-663-016-11 B SIDE

IF-532 (1-663-016-11)

*: B SIDE

CN501	E3	Q508	G6
CP501	G1	Q509	G6
		Q510	G6
		Q511	G6
		Q512	G6
D501	E6	Q513	G6
*D502	E6	Q514	G6
D503	E6	Q515	G6
*D506	G1	Q516	G6
*D507	F6	Q517	G2
		Q518	H2
FB501	E1	*Q519	H2
*FB502	E1	Q520	G5
*FB503	G1	Q521	G5
*FB504	G1	Q522	G5
		Q523	F5
FL501	G2	Q524	F5
FL502	G3	Q525	F5
FL503	G3	Q526	G3
		*Q527	H3
*IC501	E6	*Q528	H3
IC502	E6	Q529	G5
IC503	G2	Q530	G5
IC504	H1	Q531	G5
IC505	H2	Q532	F5
IC506	H3	Q533	G3
IC507	G5	*Q534	H3
IC508	G5	*Q535	G3
IC509	F5	*Q536	G4
IC510	H4	*Q537	G4
IC511	H4	Q538	G4
IC512	G4	Q539	H4
IC513	H5	*Q540	H4
IC514	E1	Q541	H4
IC515	E1	*Q542	G5
IC516	F2	Q543	H5
IC517	F1	*Q544	H5
IC519	F1	*Q545	H5
*IC520	F3	Q546	H5
*IC521	F1	Q547	G4
*IC522	G1	*Q548	H1
*IC523	G1		
*IC524	G1		
*IC527	F6	RB501	E4
*IC529	G2	RB502	E5
*IC530	F3	RB503	E3
IC531	F4	RB504	E3
		RB505	E2
JR501	G2	RB506	E2
JR502	G3	*RB508	E5
JR503	G3	*RB509	E4
*JR504	E1	*RB510	E4
*JR506	G1	*RB511	E4
		*RB512	G3
		*RB513	G3
		*RB514	G2
L501	H5		
L502	H5		
L503	E1		
*L504	E1		
L505	F3		
L506	G1		
*L507	F1		
L508	G2		
*L509	G1		
Q501	E6		
*Q502	E6		
Q503	F5		
Q505	H6		
Q506	H6		
Q507	H6		

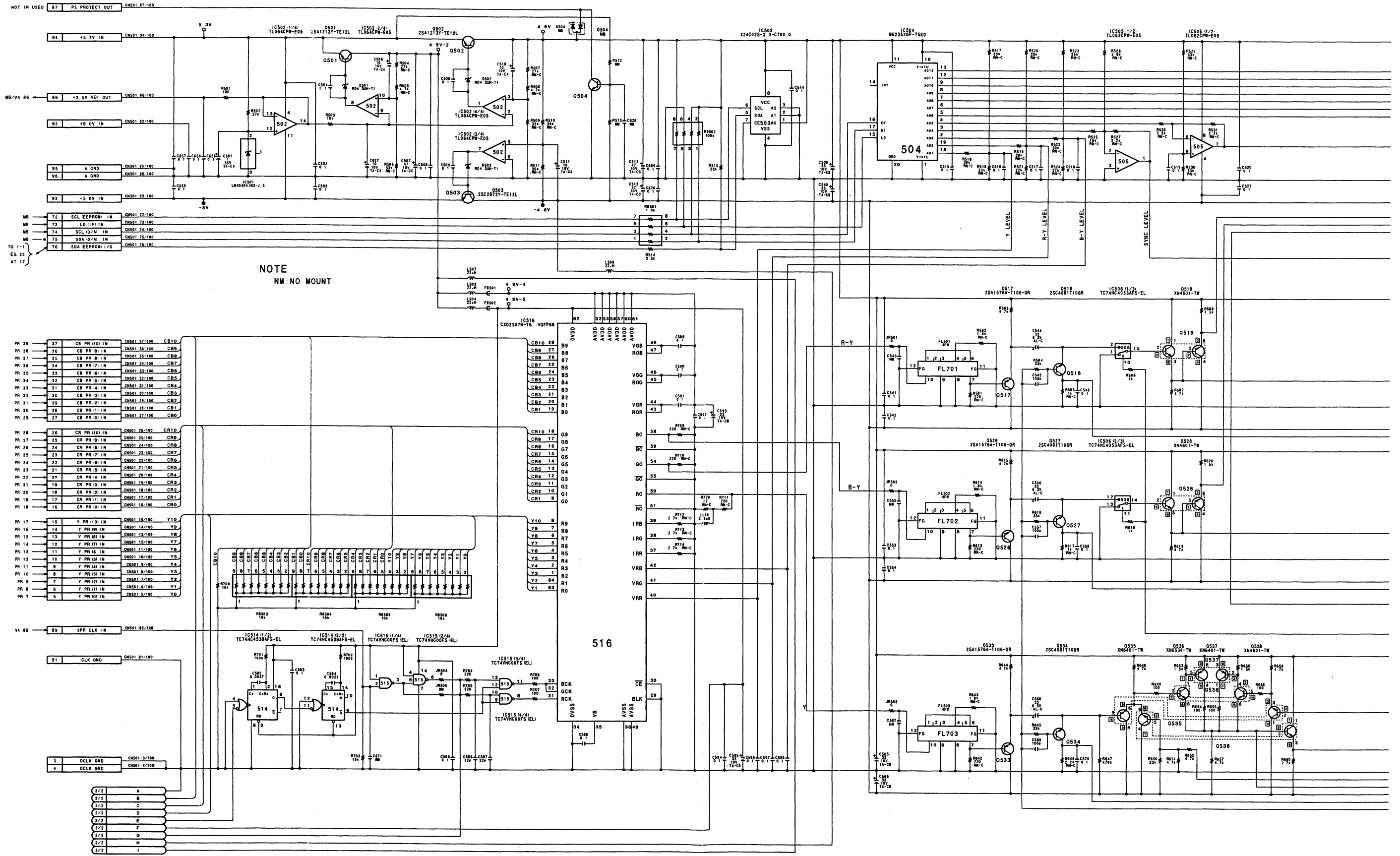
1

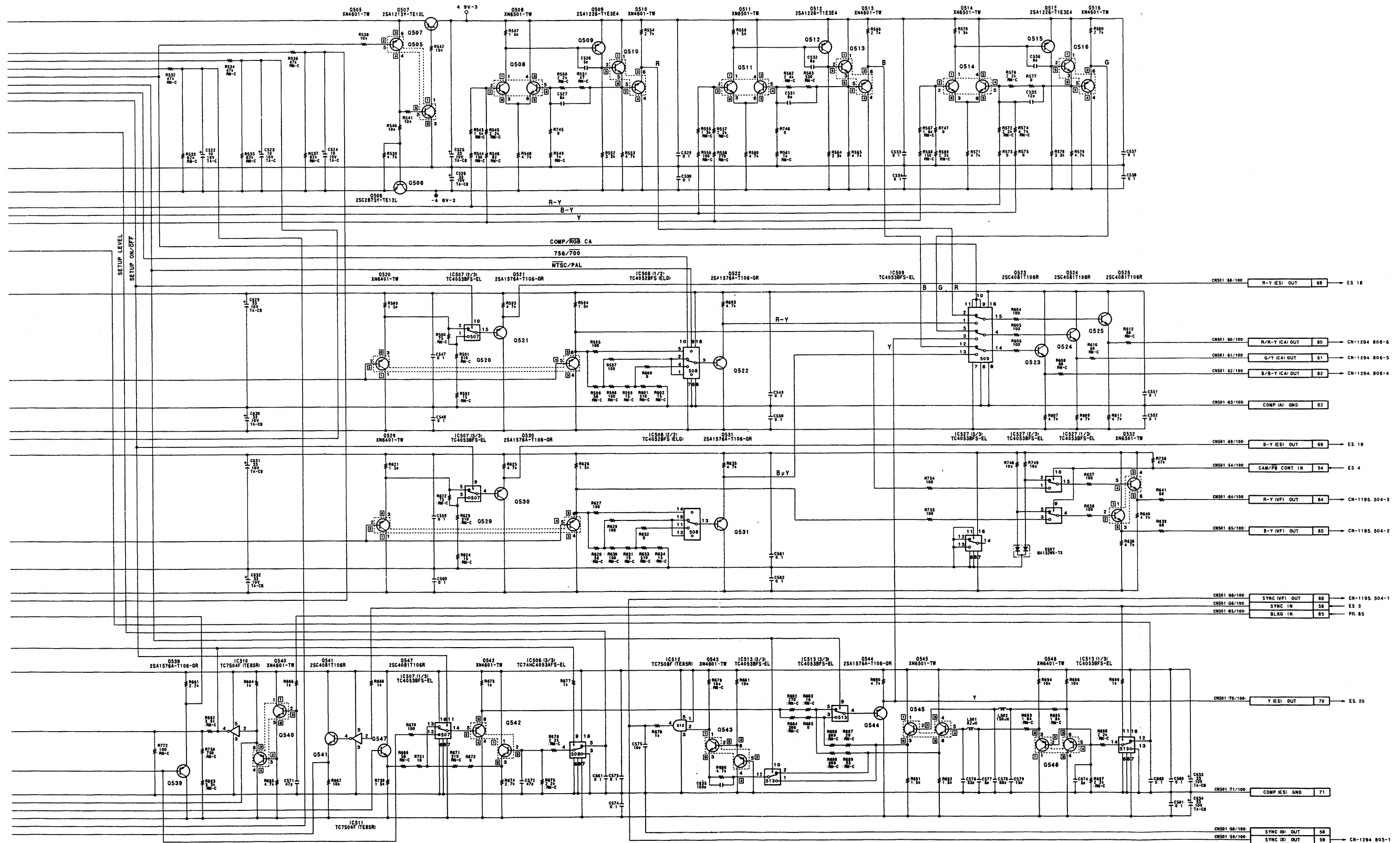
2

3

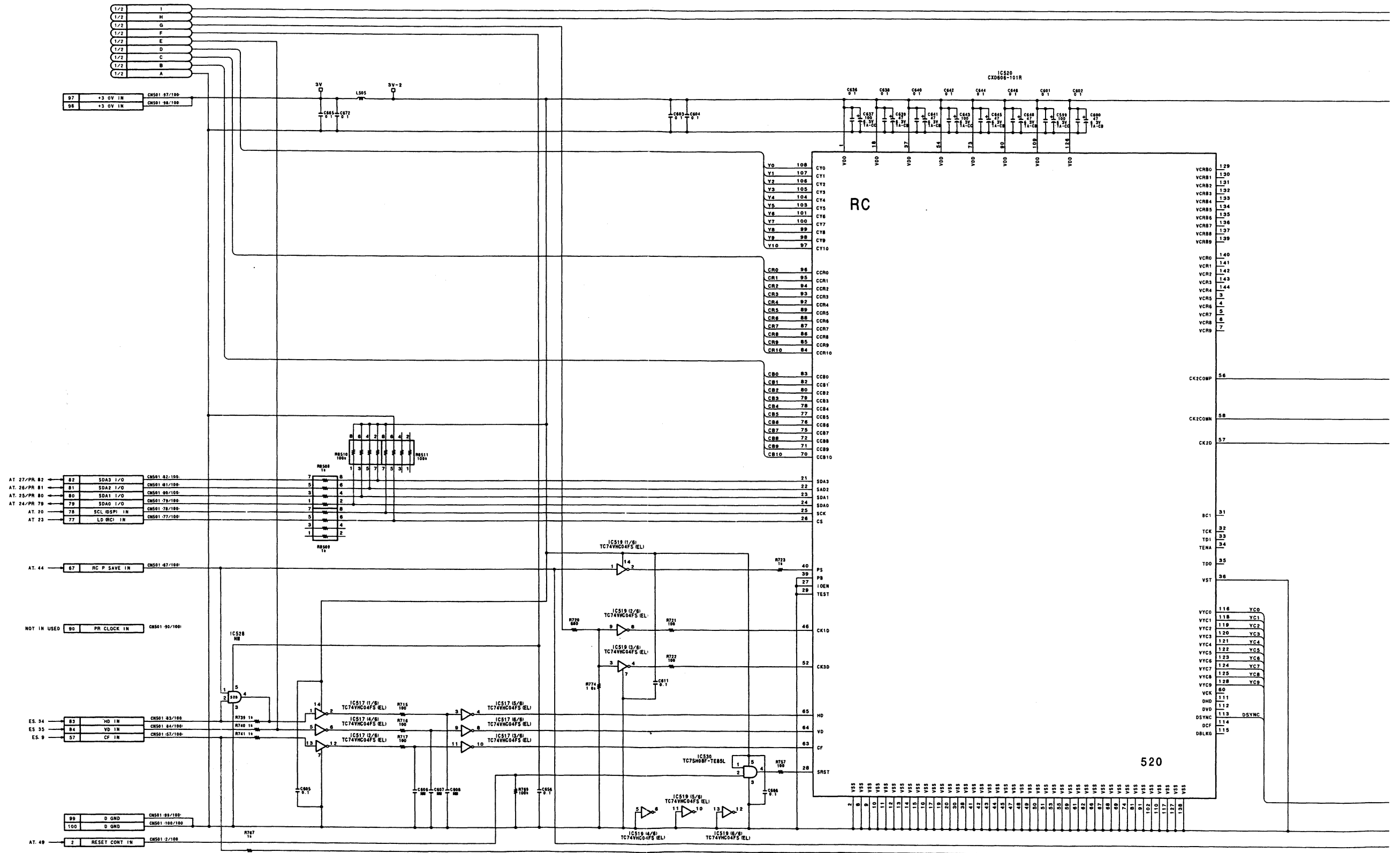
4

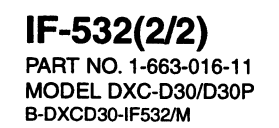
5



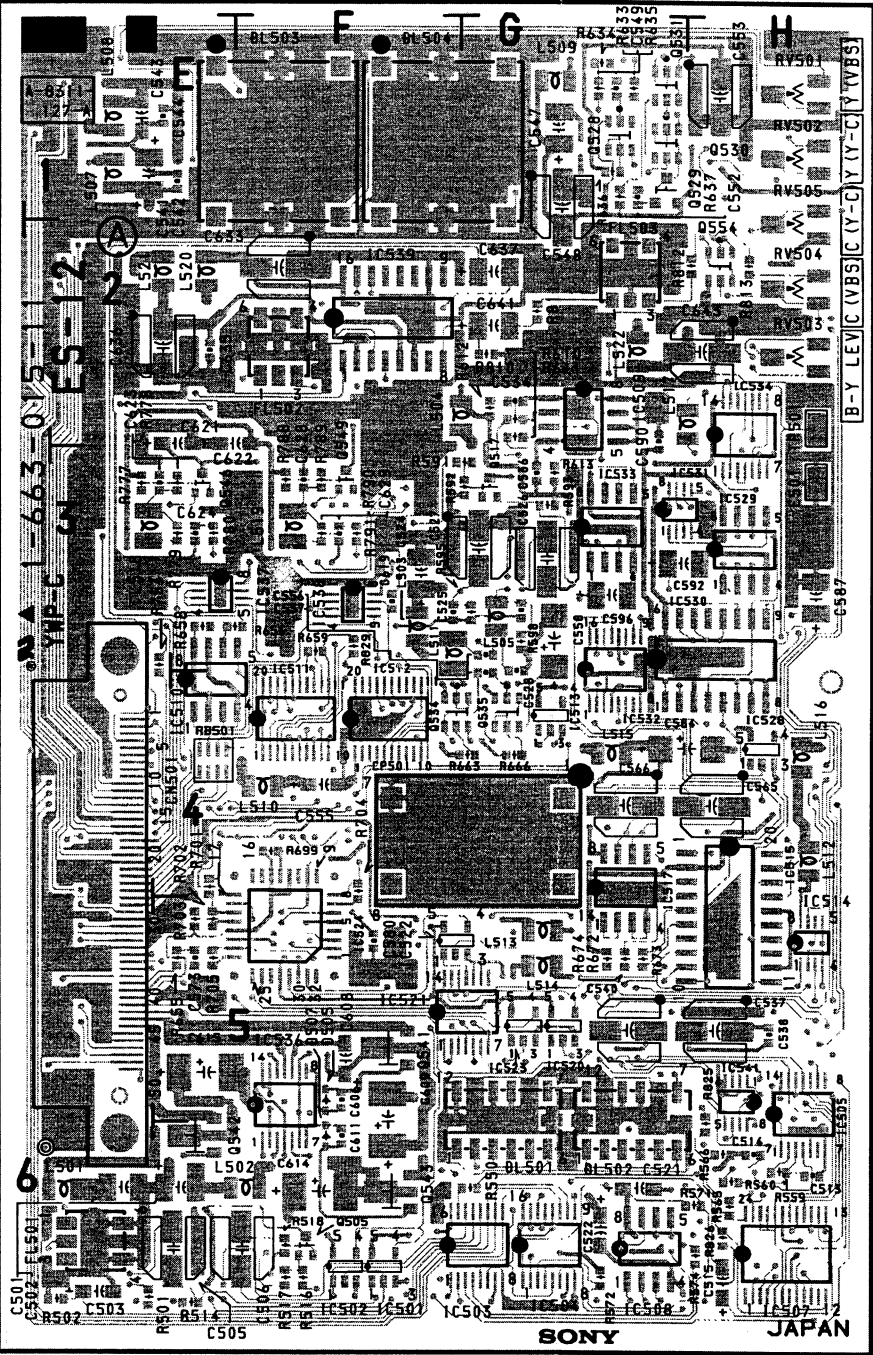


IF-532(1/2)
 PART NO. 1-663-016-11
 MODEL DXC-D30/D30P
 B-DXCD30-IF532/M

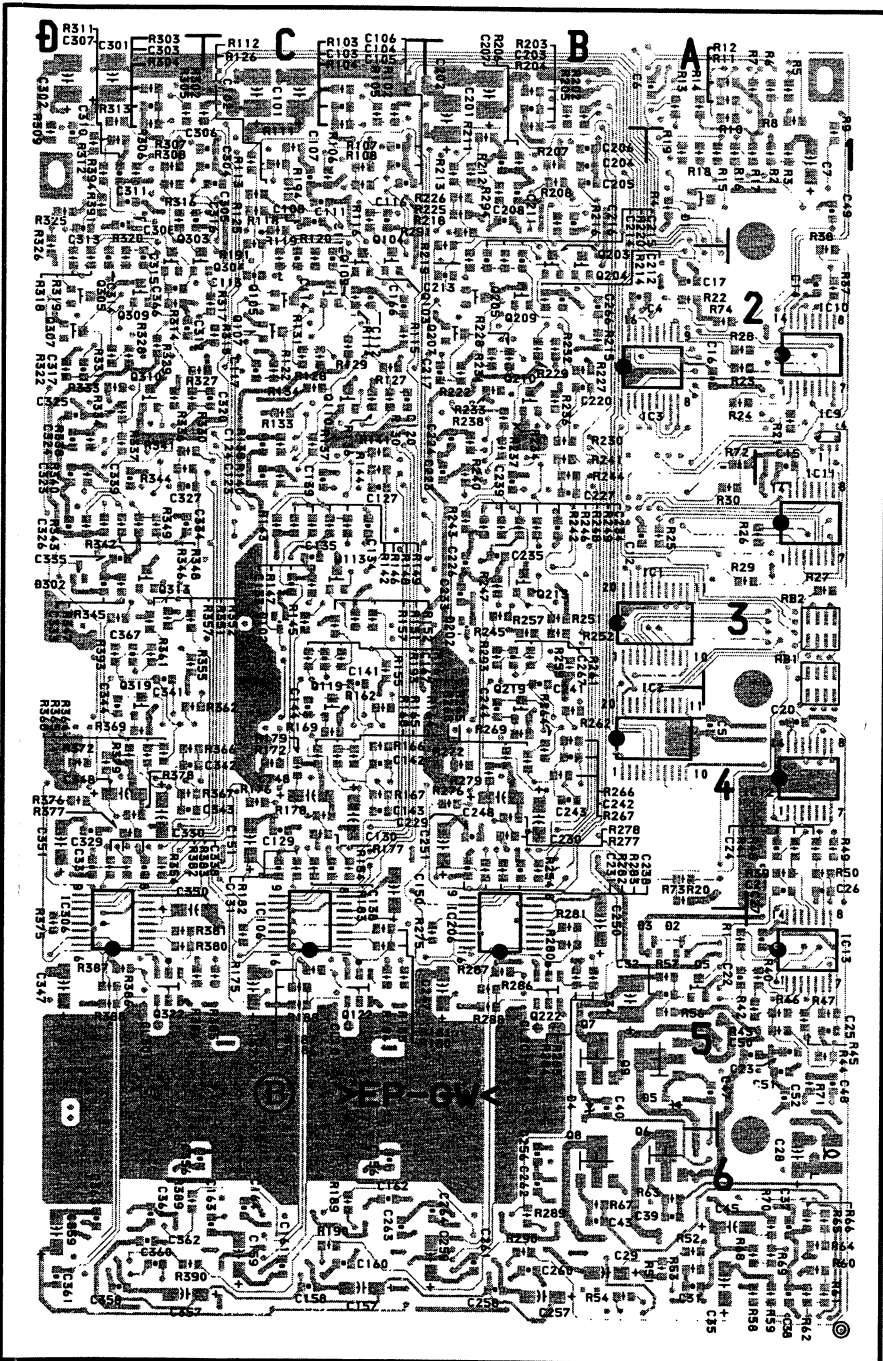




ES-12/12(P) BOARD



1-663-016-11 A SIDE



1-663-016-11 B SIDE

ES-12(P) (1-663-015-11)

*: B SIDE

CN501	E4	L505	G3	*Q552	F2
		*L506	H5	*Q553	F2
CP501	G4	L507	E1	Q554	H2
		L508	E1	*Q555	H2
DL501	G5	L509	G1		
DL502	G5	L510	F4	RB501	E4
DL503	F1	L511	F3	*RB502	F4
DL504	F1	L512	H4		
		L513	G5	RV501	H1
*D501	G3	L514	G5	RV502	H1
*D502	H5	L515	G4	RV503	H2
*D503	G4	L516	H4	RV504	H2
*D504	H3	L517	H2	RV505	H2
D505	F5	L518	E3		
*D506	E6	L519	F3	TP501	H2
D507	F6	L520	E2		
*D508	H6	L521	E2		
		L522	G2		
E501	H3				
		*Q501	E6		
FL501	E6	*Q502	E6		
FL502	F2	*Q503	E6		
FL503	G2	*Q504	E6		
		Q505	F6		
IC501	F6	*Q506	F6		
IC502	F6	*Q507	F6		
IC503	G6	*Q508	F6		
IC504	G6	*Q509	F6		
IC505	H5	*Q510	F6		
IC507	H6	*Q511	G6		
IC508	G6	*Q512	G6		
IC509	G2	*Q513	G6		
IC510	E4	*Q514	G6		
IC511	F4	*Q515	H6		
IC512	F4	*Q516	H6		
IC513	G4	Q517	G3		
IC514	H5	*Q518	G3		
IC515	H5	*Q519	G3		
*IC516	H4	*Q520	G3		
IC517	G4	*Q521	G3		
*IC518	G4	*Q522	G5		
*IC519	F4	*Q523	E1		
IC520	G5	*Q524	E1		
IC521	G5	*Q525	E1		
IC522	F5	*Q526	G1		
IC523	G5	*Q527	G1		
IC524	F5	Q528	G1		
*IC525	G5	Q529	G1		
*IC526	F4	Q530	G1		
*IC527	E4	Q531	G1		
IC528	H4	*Q532	H1		
IC529	H3	*Q533	H1		
IC530	H3	Q534	F4		
IC531	G3	Q535	G4		
IC532	G3	*Q536	G4		
IC533	G3	*Q538	F5		
IC534	H2	*Q539	F5		
*IC535	E5	*Q540	H2		
IC536	F5	Q541	F5		
IC537	E3	Q542	E6		
IC538	F3	Q543	F6		
IC539	F2	*Q544	E3		
*IC540	G5	*Q545	F3		
IC541	H5	Q546	E3		
		*Q547	E3		
L501	E6	*Q548	E3		
L502	F6	Q549	F3		
L503	F3	*Q550	F3		
L504	G2	*Q551	F3		

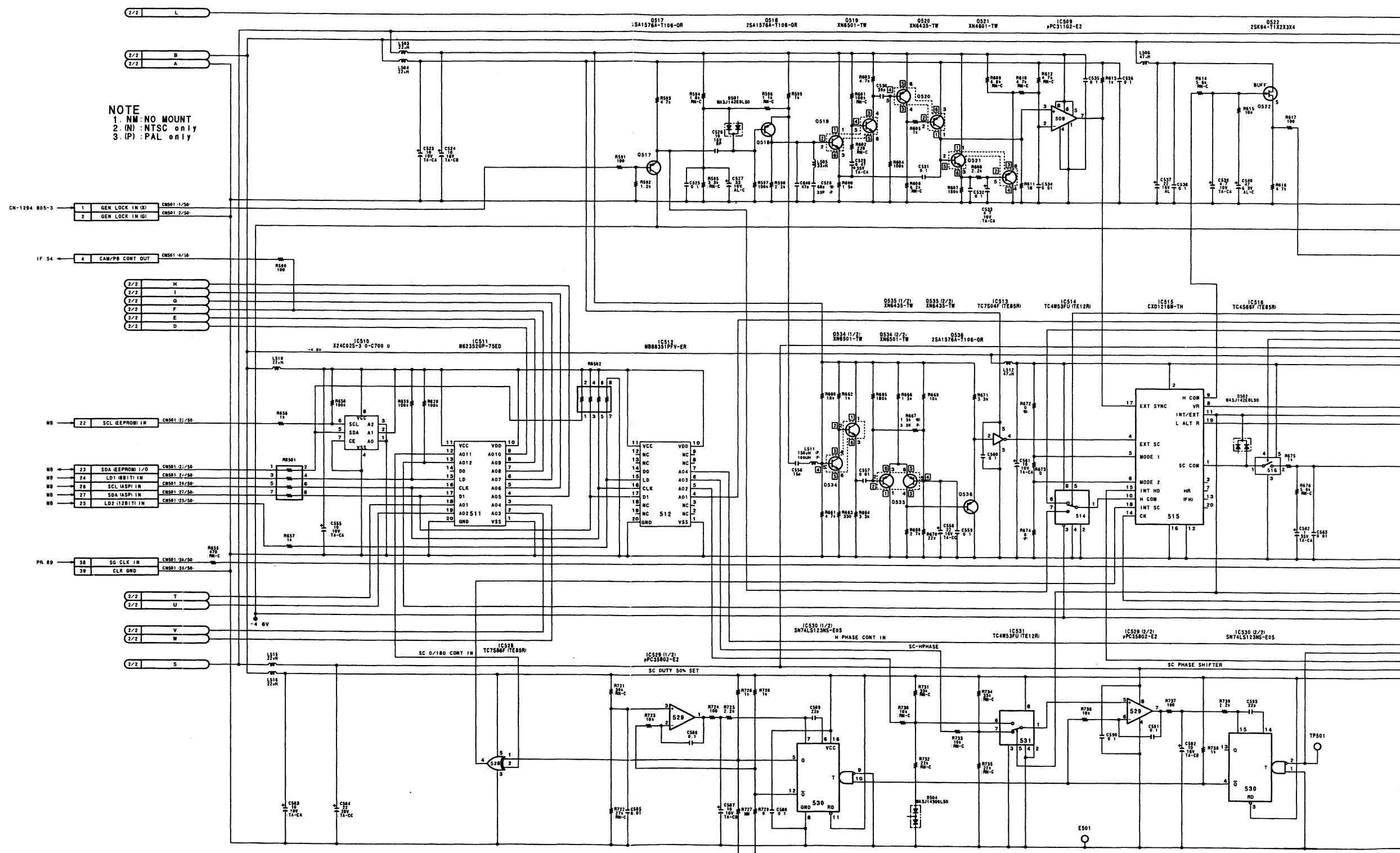
1

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5-26

5-26

DXC-D30 (JUC)
DXC-D30P (CE)

A

B

C

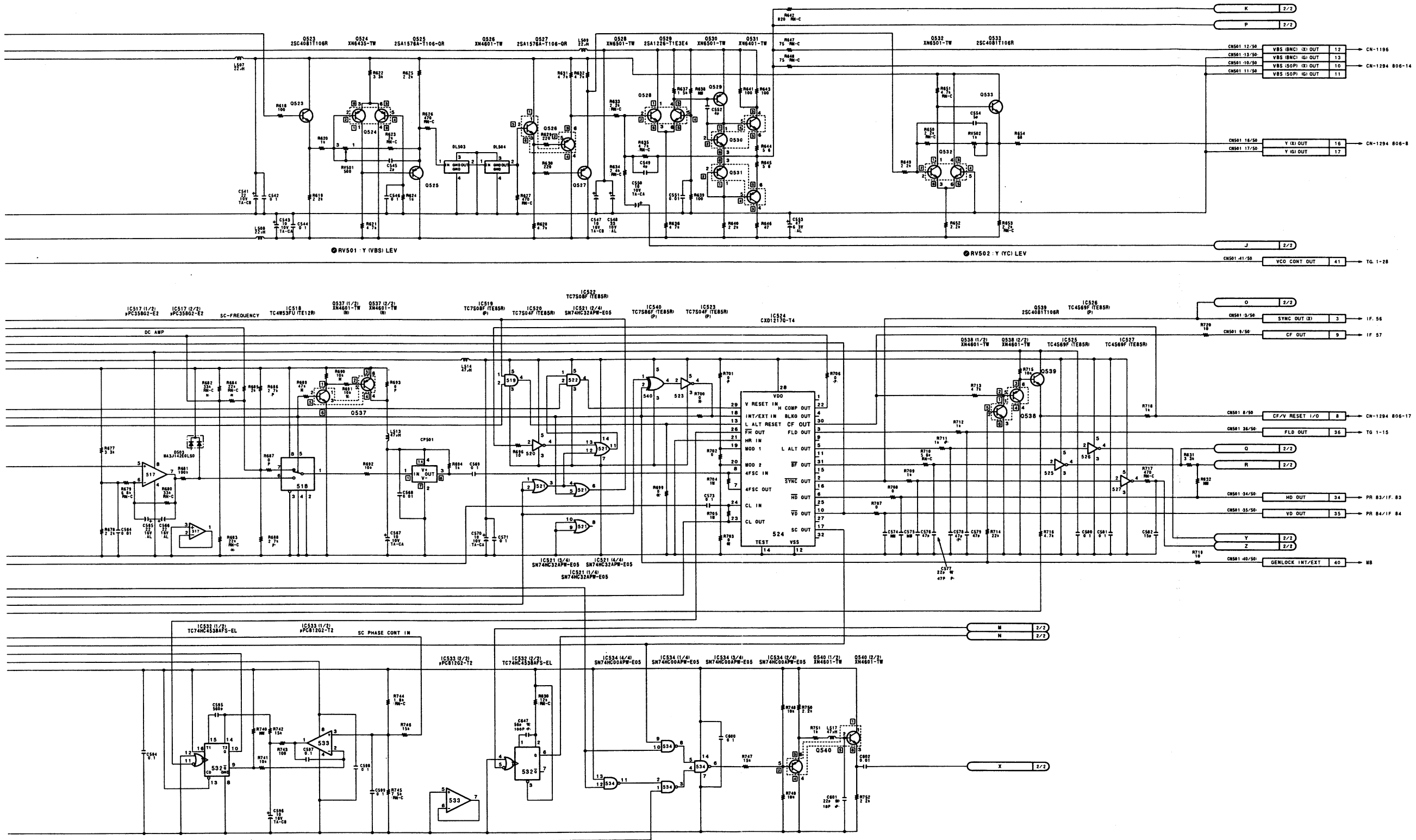
D

E

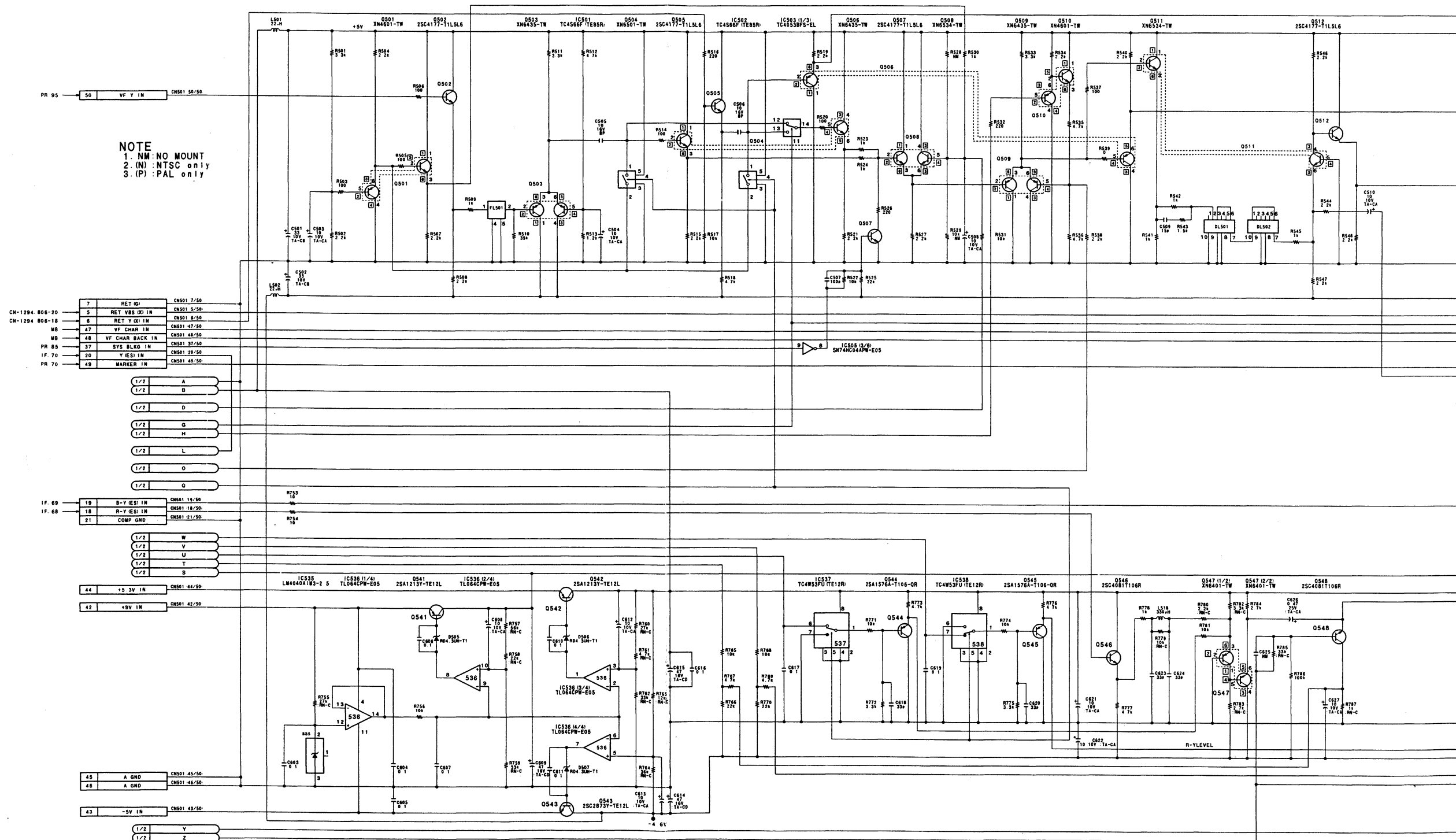
F

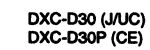
G

H

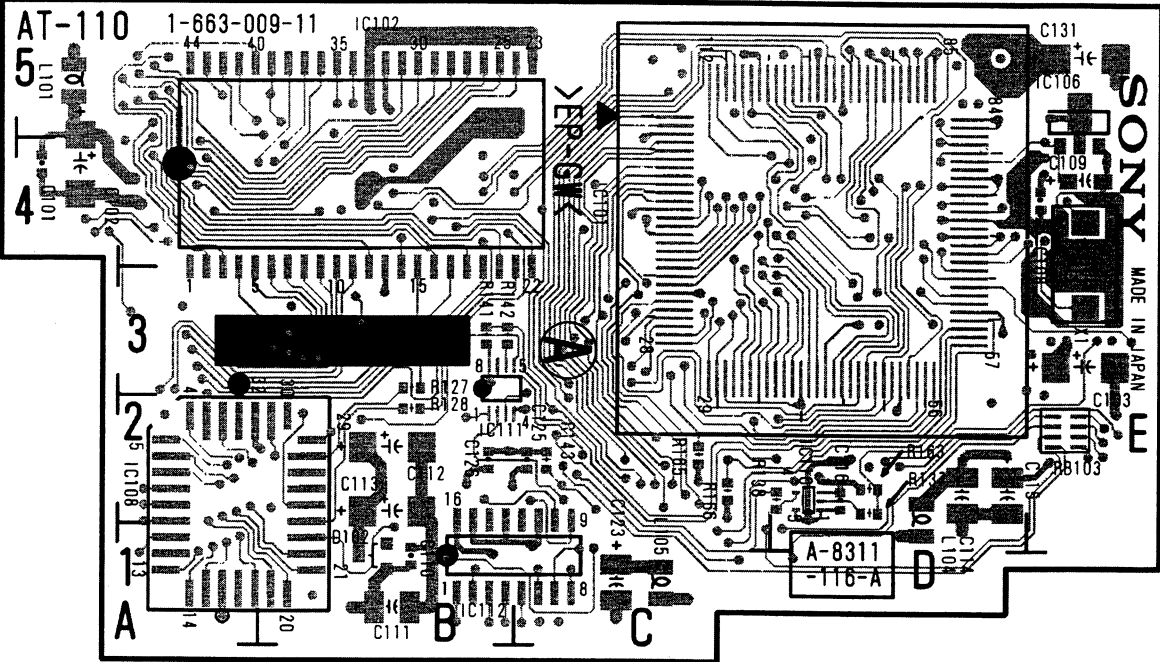


ES-12/12(P)(1/2)
PART NO. 1-663-015-11
MODEL DXC-D30/D30P
B-DXCD30-ES12/M

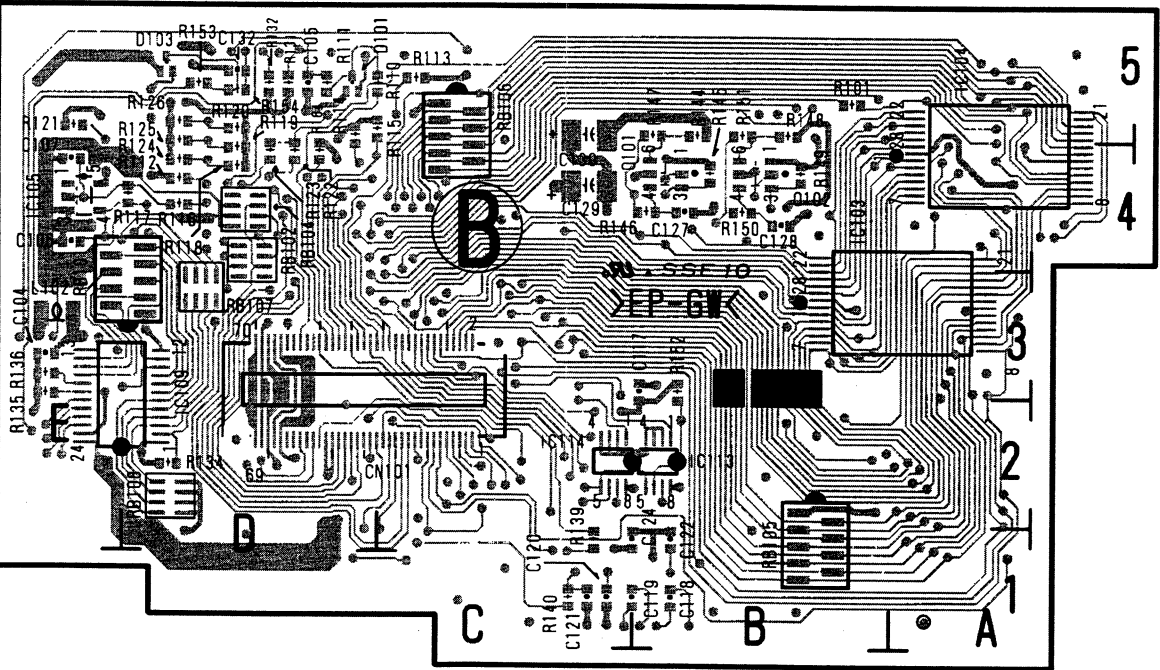




AT-110 BOARD



1-663-009-11 A SIDE



1-663-009-11 B SIDE

AT-110 (1-663-009-11)

*: B SIDE

CN102 B4

*CN101 D3

*D101 D5

D102 B1

*D103 D5

IC101 D4

IC102 B4

*IC103 A3

*IC104 A4

IC106 E5

IC108 A2

*IC109 D2

IC110 D2

IC111 B3

IC112 B1

*IC113 B2

*IC114 C2

L101 A5

*L102 E3

L104 D2

L105 C1

*Q101 B4

*Q102 B4

*RB101 D3

*RB102 D4

RB103 E2

*RB104 D4

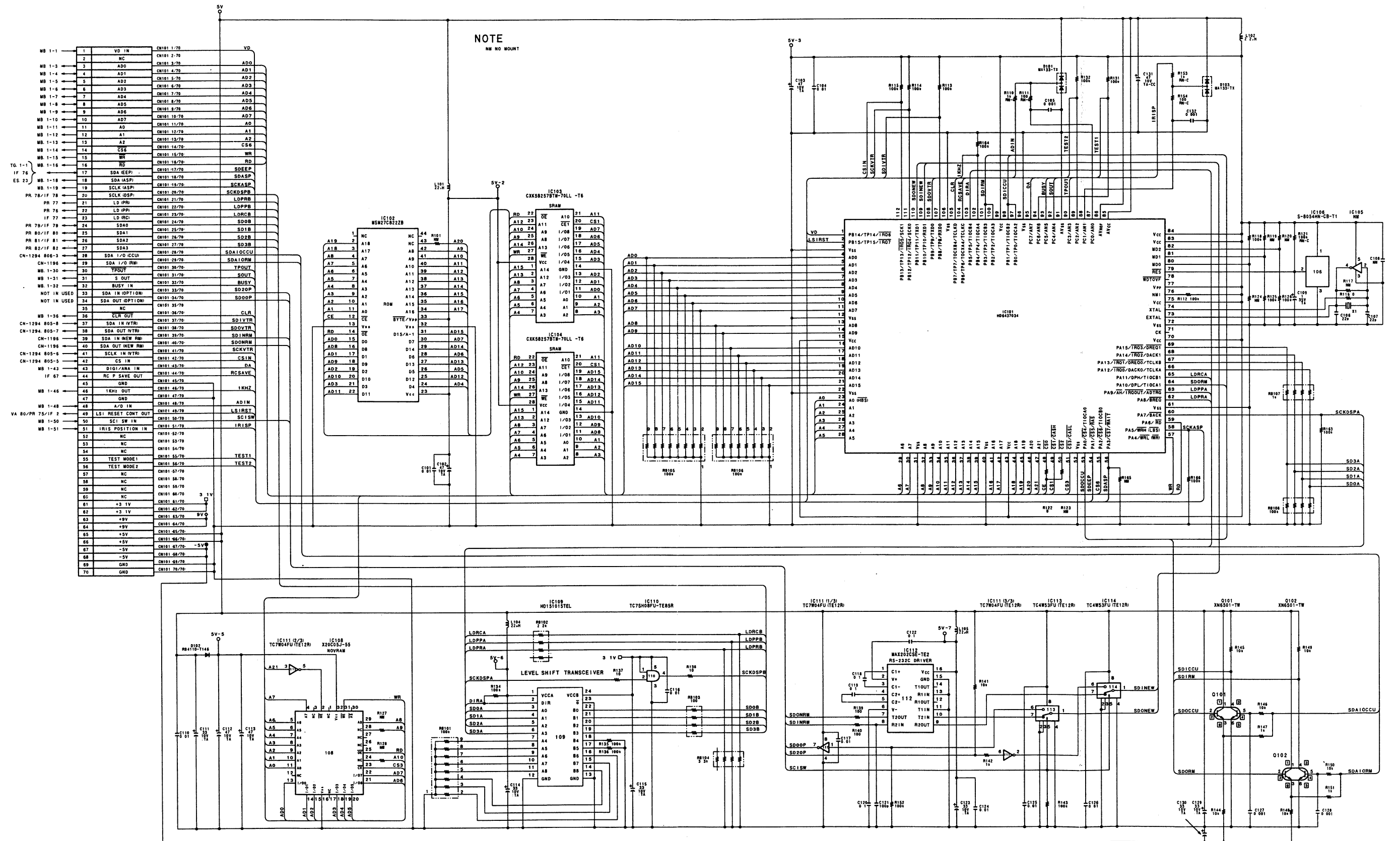
*RB105 B1

*RB106 C5

*RB107 D3

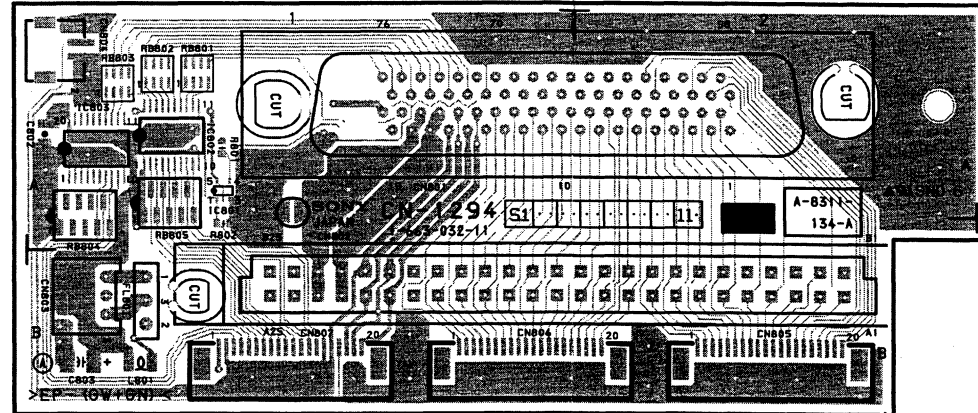
*RB108 D2

X1 E4

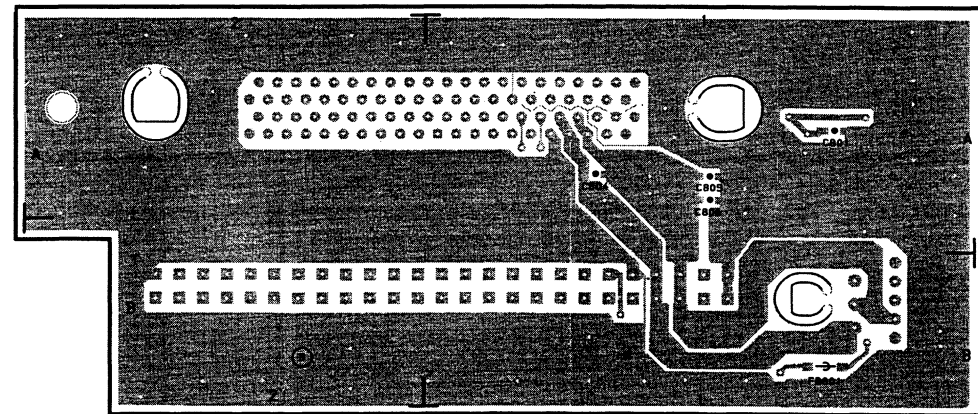


AT-110
PART NO. 1-663-009-11
MODEL DXC-D30/D30P
B-DXCD30-AT110/M

CN-1294 BOARD

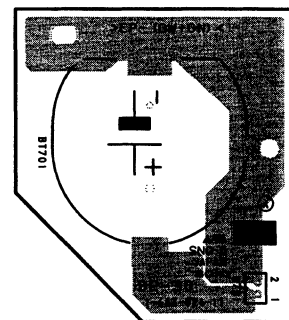


1-663-032-11 A SIDE

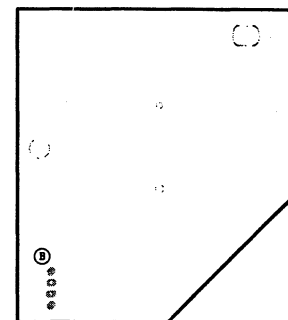


1-663-032-11 B SIDE

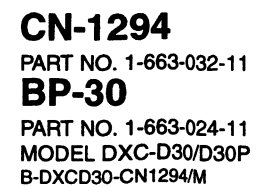
BP-30 BOARD



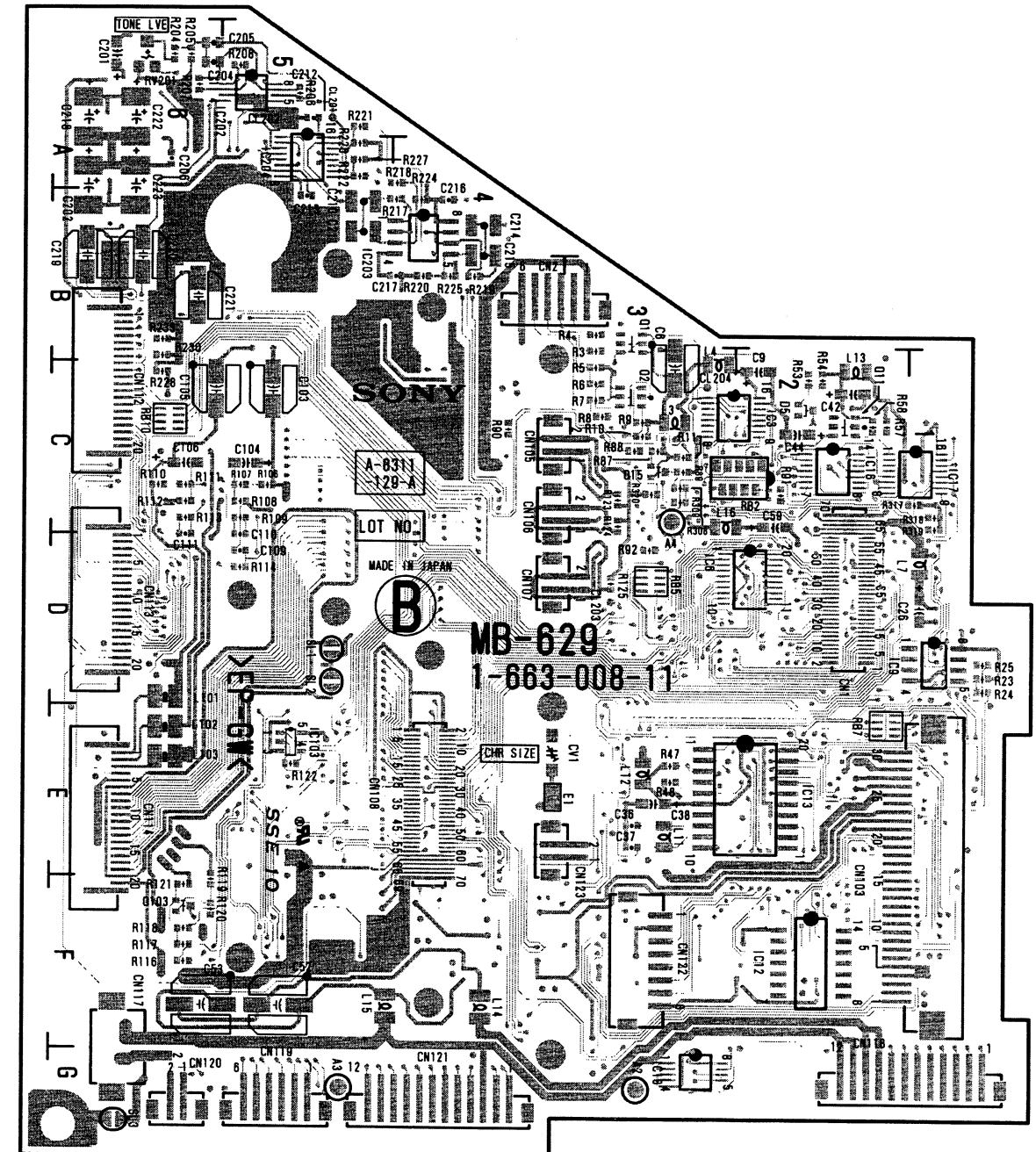
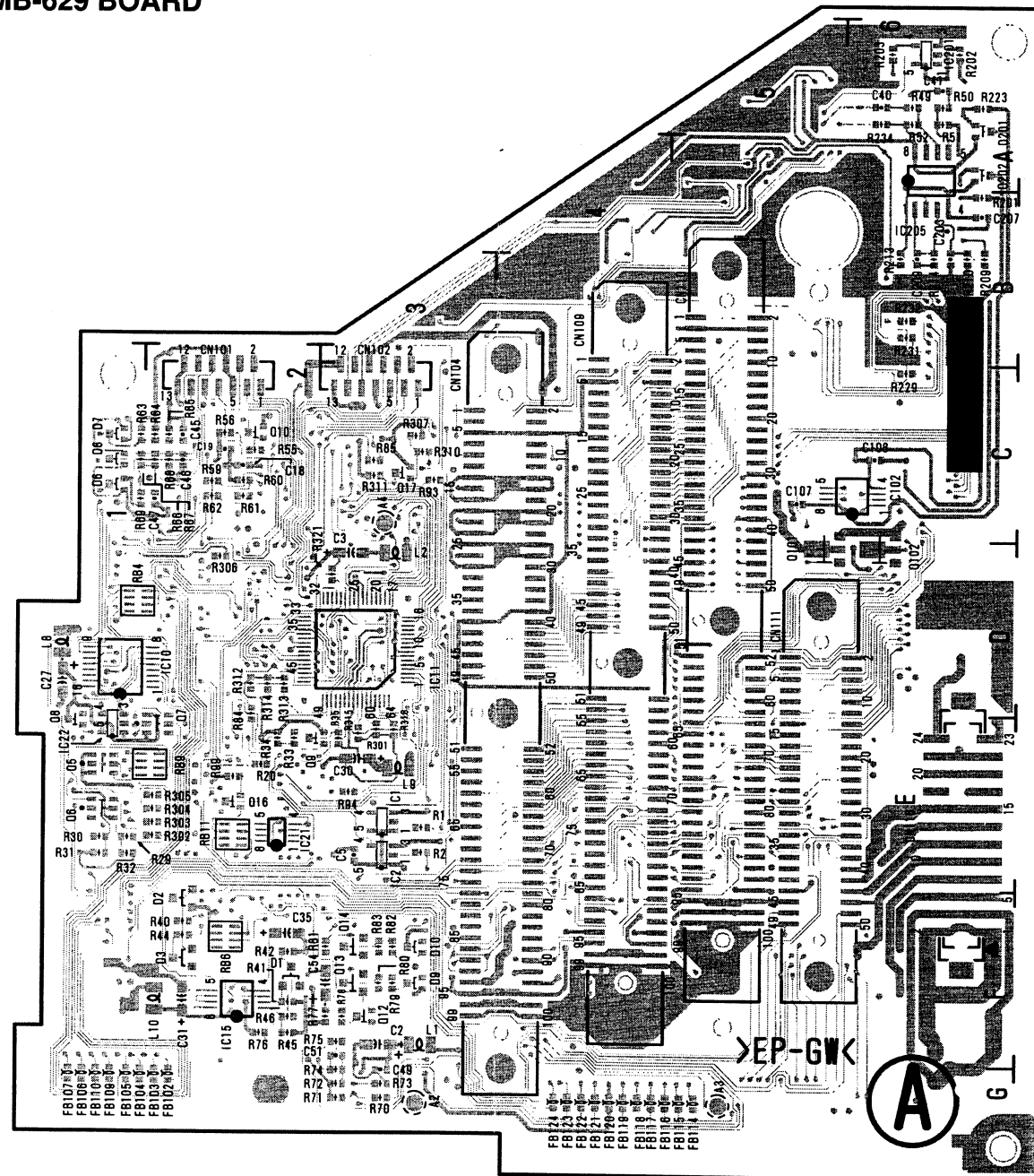
1-663-024-11 A SIDE



1-663-024-11 B SIDE



MB-629 BOARD



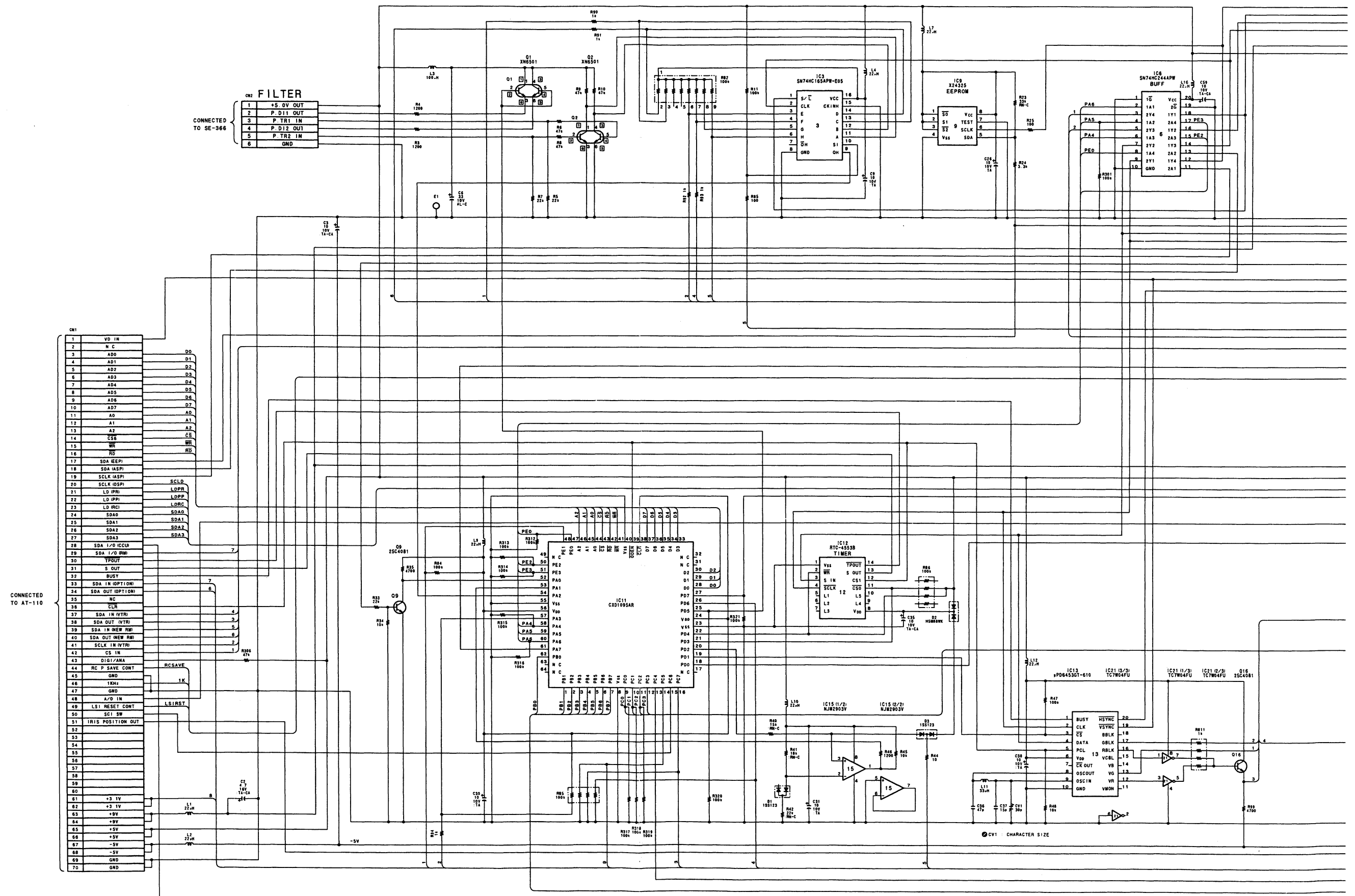
MB-629 (1-663-008-11)

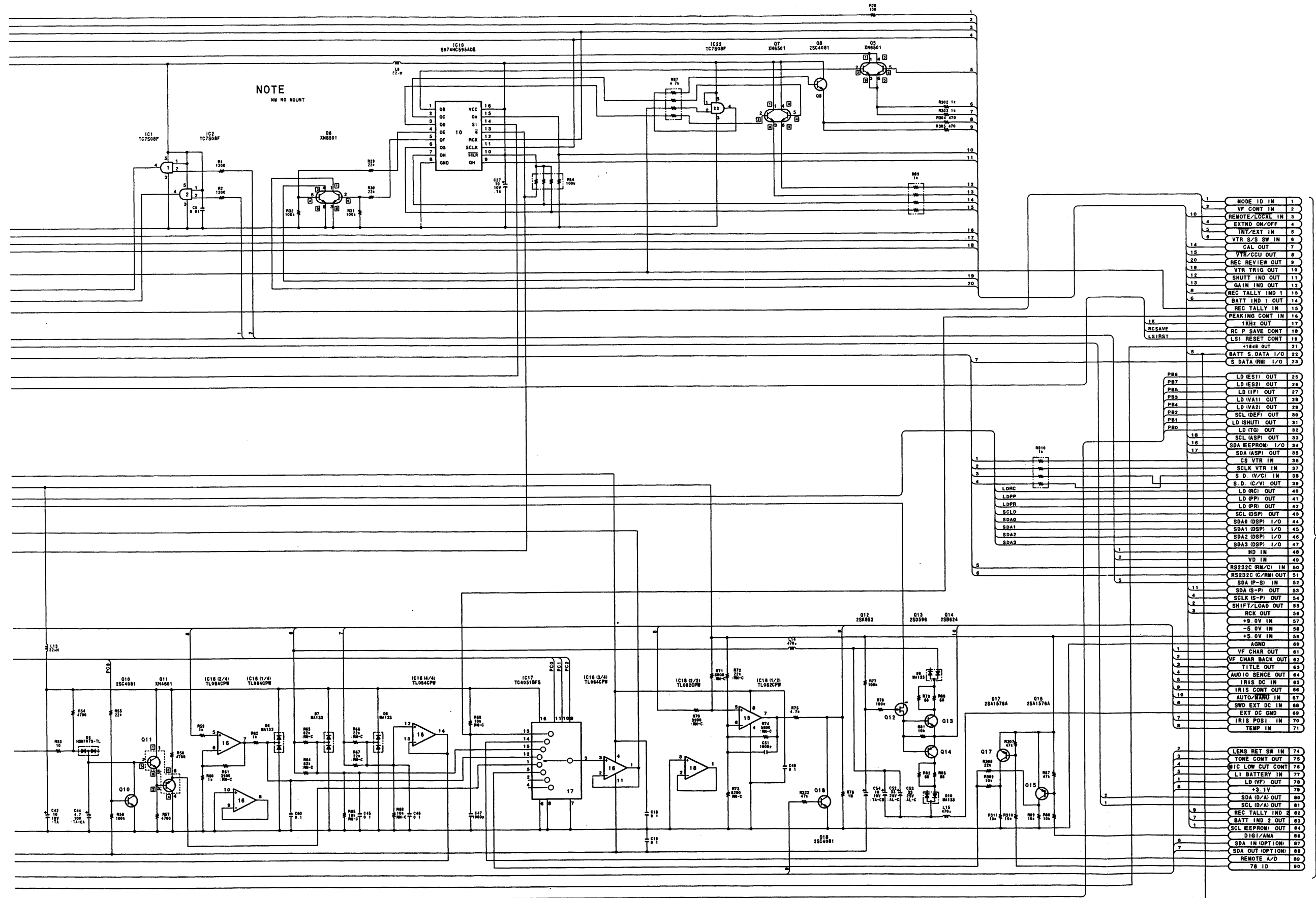
1-663-008-11 A SIDE

1-663-008-11 B SIDE

*: B SIDE

*CN1	D2	*CN119	G5	FB102	G2	IC1	E3	*IC204	A5	*L103	E6	*Q103	F6
*CN2	B4	*CN120	G6	FB103	G2	IC2	E3	IC205	A6	*Q1	B3	Q201	A6
CN101	C2	*CN121	G4	FB104	G1	*IC3	C3			*Q2	C3	Q202	A6
CN102	C3	*CN122	F3	FB105	G1	*IC6	D2	L1	F3	*Q5	E1	*RB2	C2
*CN103	E1	*CN123	B4	FB106	G1	*IC9	D1	L2	D3	*Q6	E1	RB4	D1
CN104	D4			FB107	G1	IC10	D1	*L3	C3	*Q7	E2	*RB5	D3
*CN105	C4	*CV1	E4	FB109	G1	IC11	D3	*L4	C3	*Q8	E1	RB6	F2
*CN106	C4			FB110	G1	*IC12	F2	*L7	D1	*Q9	E2	*RB7	E2
*CN107	D4	D1	F2	FB114	G5	*IC13	E2	L8	D1	*Q10	C2	RB9	E2
*CN108	E4	D2	F2	FB115	G5	IC15	F2	L9	E3	*Q11	C2	*RB10	C6
CN109	D4	D3	F2	FB116	G4	*IC16	C2	L10	F2	Q12	F3	RB11	E2
CN110	D5	*D5	C2	FB117	G4	*IC17	C1	*L11	E3	*Q13	F3		
CN111	E5	D6	C1	FB118	G4	*IC18	G3	*L12	E3	*Q14	F3		
*CN112	C6	D7	C1	FB119	G4	IC21	E2	*L13	C2	*Q15	C3		
*CN113	D6	D8	C1	FB120	G4	IC22	D1	*L14	F4	*Q16	E2		
*CN114	E6	D9	F3	FB121	G4	IC102	C6	*L15	F5	*Q17	C3		
CN116	E6	D10	F3	FB122	G4	IC201	A6	*L16	C3	Q101	D5		
*CN117	F6			FB123	G4	*IC202	A5	*L101	D6	Q102	D6		
*CN118	G1	*E1	E4	FB124	G4	*IC203	B4	*L102	E6				





MB-629(1/2)
PART NO. 1-663-008-11
MODEL DXC-D30/D30P
B-DXC-D30-MB629/M

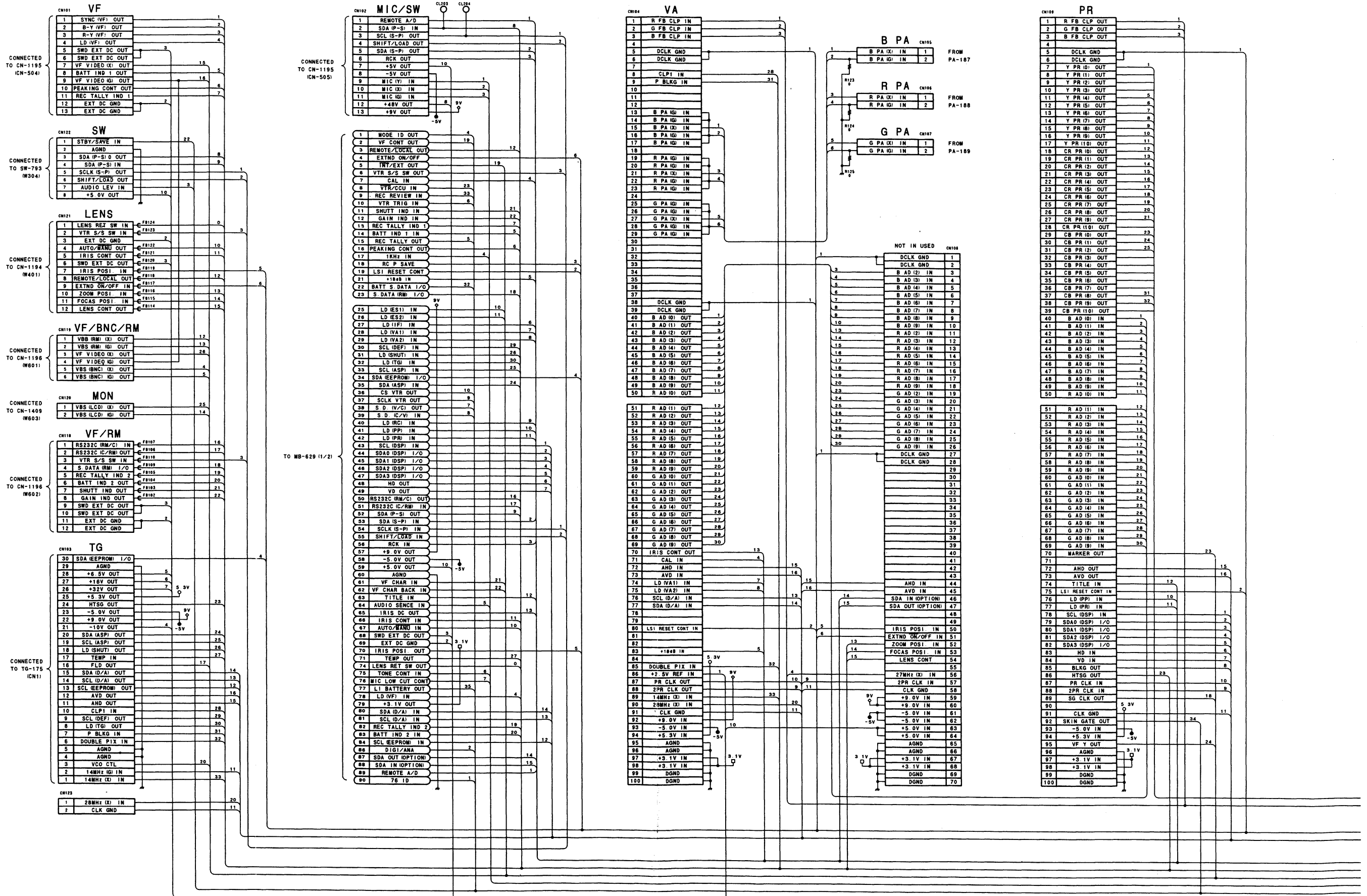
1

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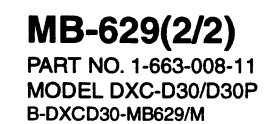
5



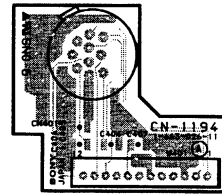
5-38

5-38

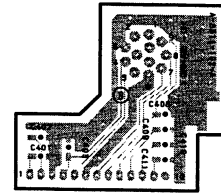
DXC-D30 (JUC)
DXC-D30P (CE)



CN-1194 BOARD

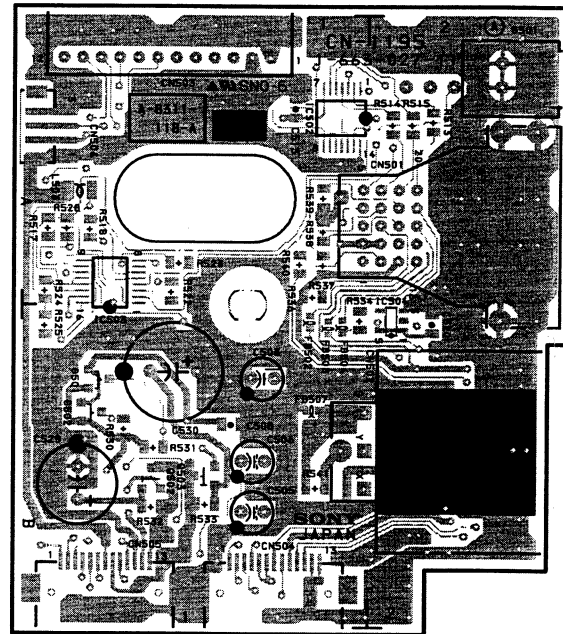


1-663-026-11 A SIDE

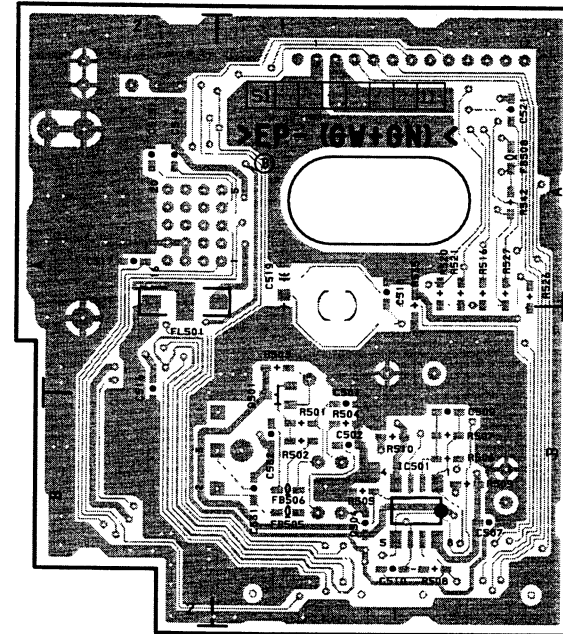


1-663-026-11 B SIDE

CN-1195 BOARD

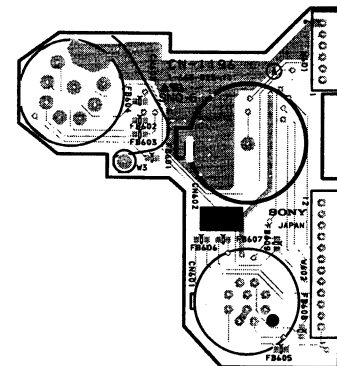


1-663-027-11 A SIDE

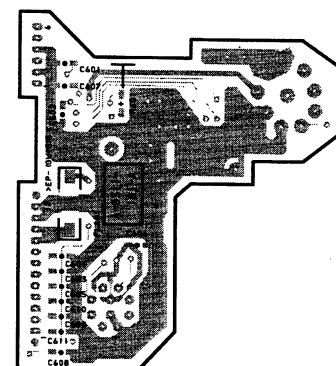


1-663-027-11 B SIDE

CN-1196 BOARD



1-663-025-11 A SIDE



1-663-025-11 B SIDE

CN-1349 BOARD



1-663-028-11 A SIDE



1-663-028-11 B SIDE

CN-1409(J) BOARD

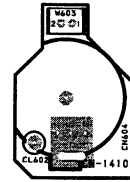


1-663-029-11 A SIDE

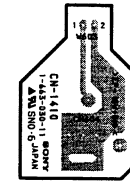


1-663-029-11 B SIDE

CN-1410 BOARD

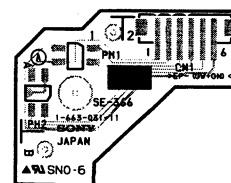


1-663-030-11 A SIDE

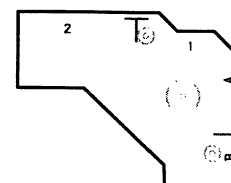


1-663-030-11 B SIDE

SE-366 BOARD

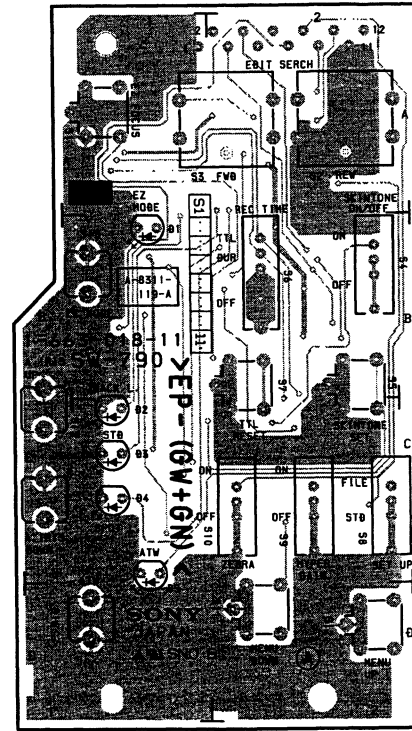


1-663-031-11 A SIDE

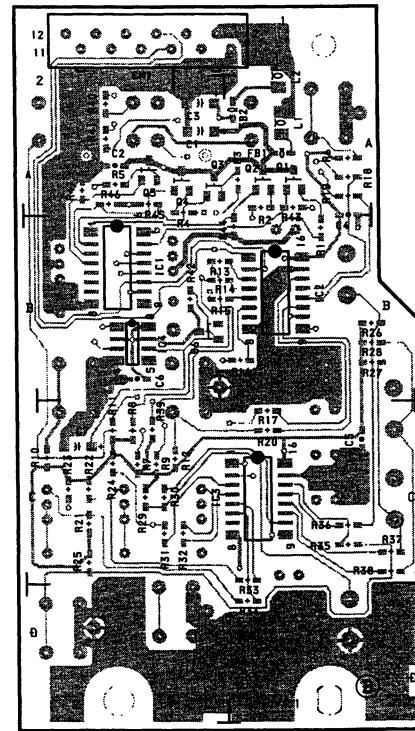


1-663-031-11 B SIDE

SW-790 BOARD

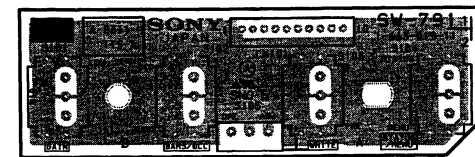


1-663-018-11 A SIDE

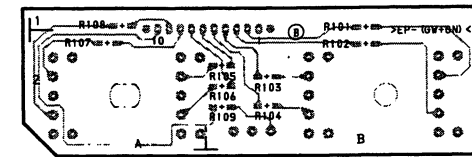


1-663-018-11 B SIDE

SW-791 BOARD

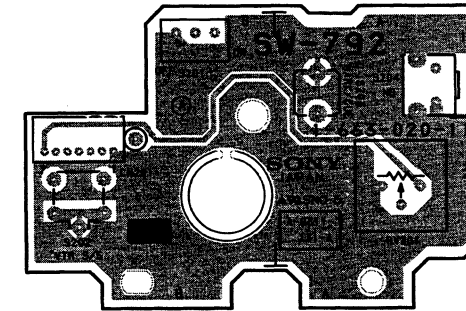


1-663-019-11 A SIDE

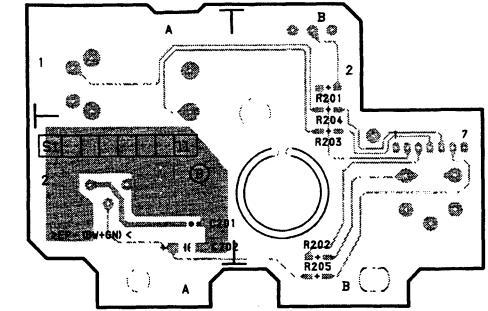


1-663-019-11 B SIDE

SW-792 BOARD

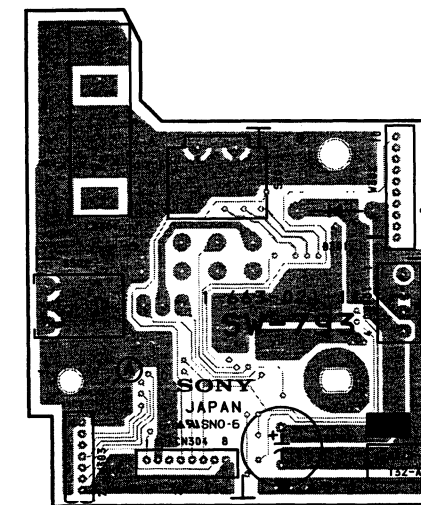


1-663-020-11 A SIDE

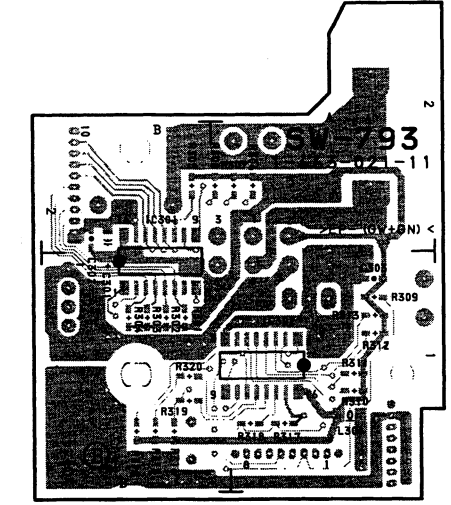


1-663-020-11 B SIDE

SW-793 BOARD



1-663-021-11 A SIDE



1-663-021-11 B SIDE

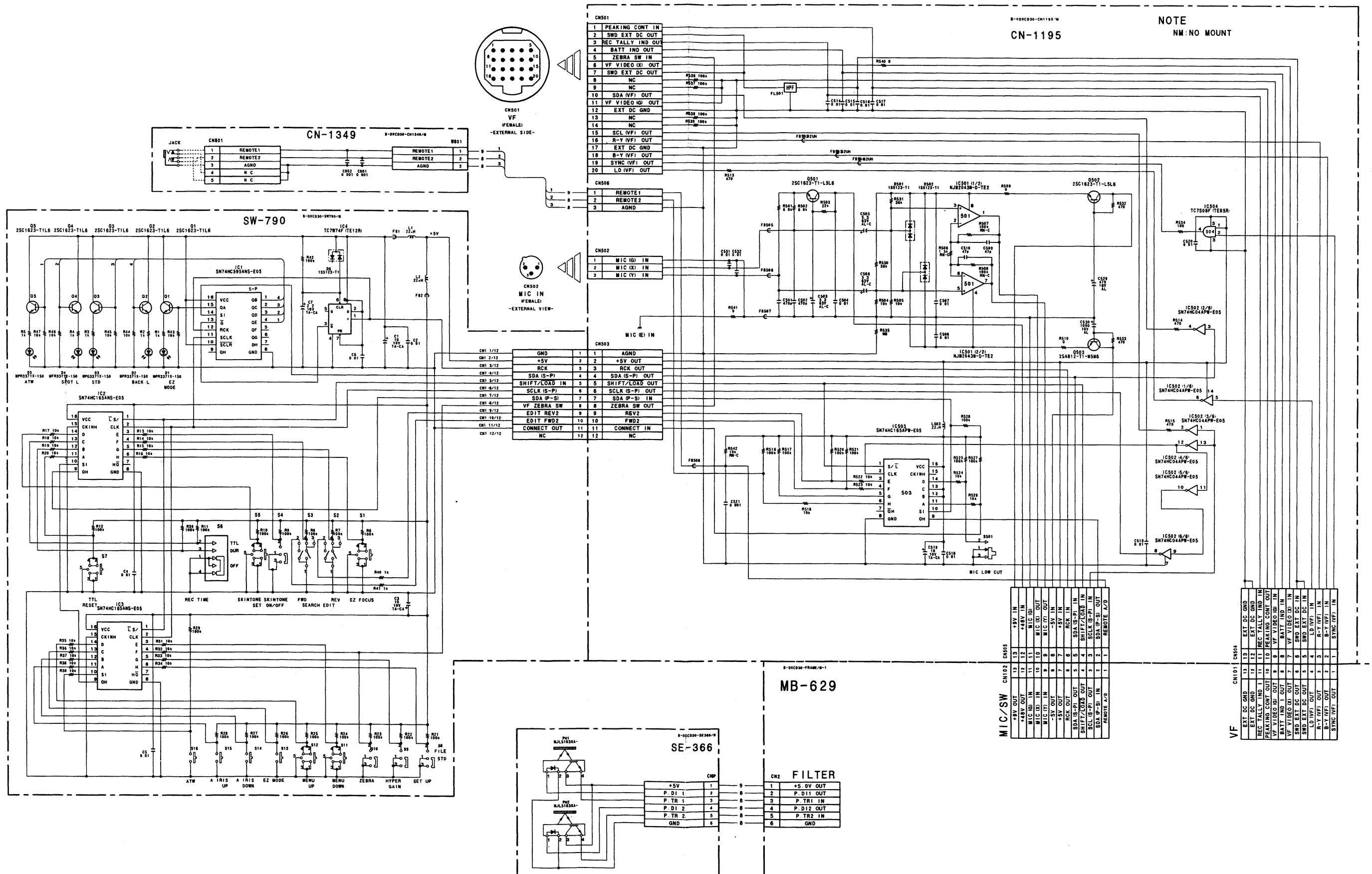
1

2

3

4

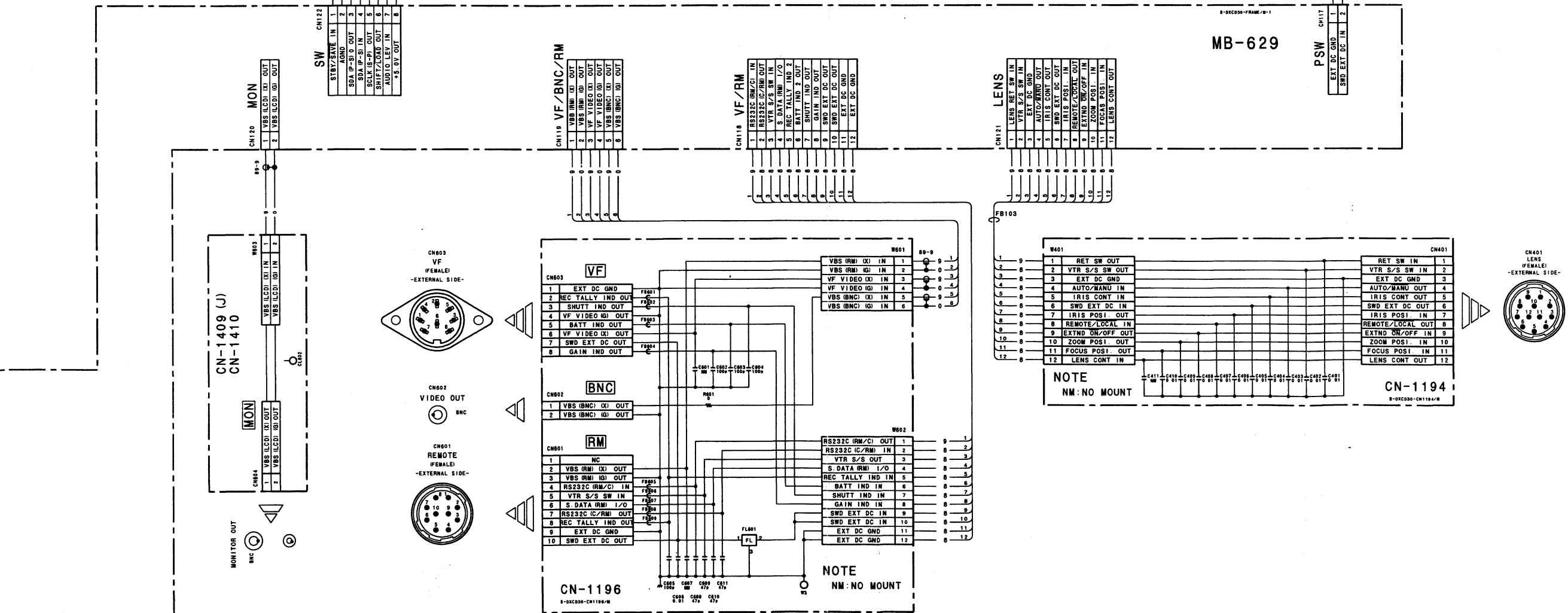
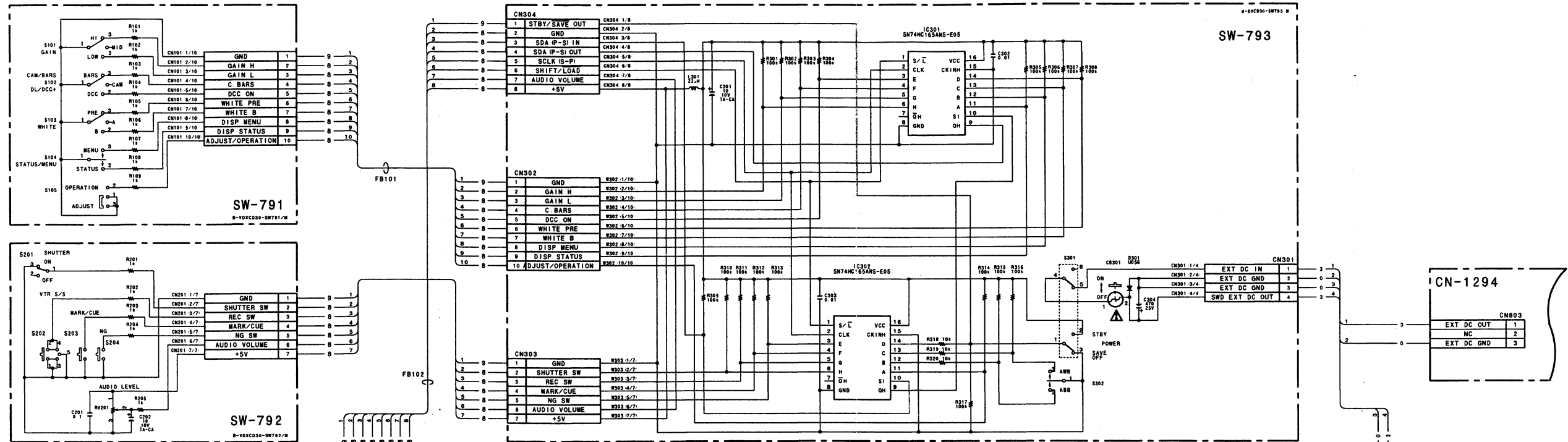
5



5-42

5-42

DXC-D30 (J/UC)
DXC-D30P (CE)



FRAME

CN-1194

PART NO. 1-663-026-11

CN-1195

PART NO. 1-663-027-11

CN-1196

PART NO. 1-663-025-11

CN-1349

PART NO. 1-663-028-11

CN-1409(J)

PART NO. 1-663-029-11

CN-1410

PART NO. 1-663-030-11

SE-366

PART NO. 1-663-031-11

SW-790

PART NO. 1-663-018-11

SW-791

PART NO. 1-663-019-11

SW-792

PART NO. 1-663-020-11

SW-793

PART NO. 1-663-021-11

MODEL DXC-D30/D30P

A-DXCD30-FRAME/M-1

B-DXCD30-CN1194/M-1

B-DXCD30-CN1195/M-1

B-DXCD30-CN1196/M-1

B-DXCD30-CN1349/M-1

B-DXCD30-SE366/M-1

B-DXCD30-SW790/M-1

B-DXCD30-SW791/M-1

B-DXCD30-SW792/M-1

B-DXCD30-SW793/M-1

B-DXCD30-FRAME/M-1

SECTION 6

SEMICONDUCTOR PIN ASSIGNMENTS

ここに記載されている半導体は、それぞれの機能を等価的に表したものです。なお、互換性のない型名を併記していることがありますので、部品を交換するときは、Spare Partsの章を参照してください。

等価回路は I C メーカーのデータブックに従いました。

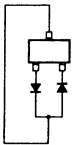
Semiconductors of which functions are equivalent are described here. For parts replacement, refer to the section of Spare Parts in this manual. The circuit diagram of each IC is obtained from the IC data book published by the manufacturer.

DIODE	Page	TRANSISTOR	Page	IC	Page	IC	Page
1SS126	6-2	2SA1162-G	6-2	74AC04SJX	6-3	SN74LS123NS-E05	6-14
1SS123-T1	6-2	2SA1213Y-TE12L	6-2			TC4051BFS(EL)	6-15
		2SA1226-T1E3E4	6-2	AT27C256R-15RC	6-3	TC4052BFS(ELQ)	6-15
HSM88AS-TL	6-2	2SA1576A-T106-QR	6-2	BA10358F-E2	6-4	TC4053BFS-EL	6-15
HSM88WA-TL	6-2	2SA1610-T1Y34	6-2			TC4S66F(TE85R)	6-15
HSM88WK-TL	6-2	2SA812-T1-M5M6	6-2	CX22017-TH	6-4	TC4S69F(TE85R)	6-13
		2SB624-BV345	6-2	CXA1393AN	6-4	TC4W53FU(TE12R)	6-15
MA132WA-TX	6-2	2SB798-DL	6-2	CXD1095AR	6-4	TC4W66FU(TE12R)	6-16
MA132WK-TX	6-2	2SC1009A-T1FA4	6-2	CXD1171M-TH	6-5	TC74HC4053AFS-EL	6-15
MA133-TX	6-2	2SC1623-T1-L5L6	6-2	CXD1216M-TH	6-5	TC74HC4538AFS-EL	6-16
MA3J142D0LSO	6-2	2SC2873Y-TE12L	6-2	CXD1217Q-T4	6-7	TC74VHC00FS(EL)	6-13
MA3J142E0LSO	6-2	2SC4081T106R	6-2	CXD2307R-T4	6-6	TC74VHC04FS(EL)	6-3
MA3J14300LSO	6-2	2SC4176-T1B34	6-2	CXD2310AR-T4	6-6	TC74VHC165FS(EL)	6-13
MPG3371X-150	6-2	2SC4177-T1L5L6	6-2	CXD8095Q	6-9	TC74VHC541FS(EL)	6-16
MPR3371X-150	6-2	2SC4178-T1F13	6-2	CXK1203AR-T4	6-8	TC74VHC574FS(EL)	6-14
		2SD1623-S	6-2			TC74VHC74FS(EL)	6-16
RB411D-T146	6-2	2SD596T1-DV345	6-2	HD151015TEL	6-10	TC7S02FU(TE85R)	6-16
RD4.3UH-T1	6-2	2SK853-T1K5	6-2			TC7S04F(TE85R)	6-13
		2SK94-T1X2X3X4	6-2	LM35DMX	6-10	TC7S04FU(TE85R)	6-13
SB10-05PCP-TD	6-2	3SK163-1-T7	6-2	LM4040AIM3-2.5	6-10	TC7S08F(TE85R)	6-16
U05G	6-2	NJL5183KA-F20-TE1	6-2	LT1253CS8-E2	6-10	TC7S08FU(TE85R)	6-16
						TC7S86F(TE85R)	6-16
		XN4312-TW	6-2	M5237ML-TP1	6-10	TC7SH00FU-TE85R	6-17
		XN4601-TW	6-2	M62352GP-75ED	6-11	TC7SH08FU-TE85R	6-16
		XN6401-TW	6-3	MAX202CSE-TE2	6-10	TC7W04FU(TE12R)	6-17
		XN6435-TW	6-3	MB88351PFV-ER	6-11	TC7W08FU(TE12R)	6-17
		XN6501-TW	6-3	MP7523JS-T2	6-12	TC7W74FU(TE12R)	6-17
		XN6534-TW	6-3			TL062CPW-E05	6-12
				NJM1496V-TE2	6-12	TL064CPW-E05	6-17
				NJM2043M-D-TE2	6-12		
				NJM2903V(TE2)	6-12	UPC311G2-E2	6-17
						UPC358G2-E2	6-4
				RTC-4553B-L2	6-12	UPC812G2-T2	6-12
						UPD16502GS-E2	6-17
				S-8054HN-CB-T1	6-12	UPD6453GT-610-E2	6-18
				SC7S04F	6-13		
				SN74HC00APW-E05	6-13		
				SN74HC04APW-E05	6-3		
				SN74HC08APW-E05	6-13		
				SN74HC165ANS-E05	6-13		
				SN74HC165APW-E05	6-13		
				SN74HC175APW-E05	6-14		
				SN74HC244APW-E05	6-13		
				SN74HC32APW-E05	6-14		
				SN74HC574APW-E05	6-14		
				SN74HC595ADB-E05	6-14		
				SN74HC595ANS-E05	6-14		
				SN74HCT08APW-E05	6-13		
				SN74HCT244APW-E05	6-13		

DIODE, TRANSISTOR

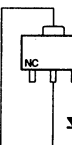
DIODE

-TOP VIEW-



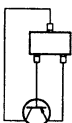
1SS226
1SS123-T1
HSM88AS-TL
MA133-TX
MA3J14300LSO

-TOP VIEW-



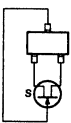
SB10-05PCP
SB10-05PCP-TD

-TOP VIEW-



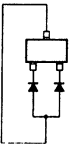
2SA1162-G
2SA812-T1-M5M6
2SA1226-T1E3E4
2SA1576A-T106-QR
2SA1610-T1Y34

-TOP VIEW-



2SK94-T1X2X3X4

-TOP VIEW-

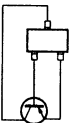


HSM88WA-TL
MA132WA-TX
MA3J142D0LSO

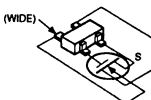


U05G

-TOP VIEW-

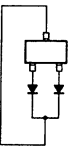


2SB624T1-BV345



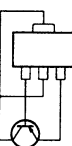
3SK163-1-T7

-TOP VIEW-



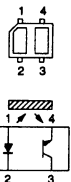
HSM88WK-TL
MA132WK-TX
MA3J142E0LSO

-TOP VIEW-



2SB798-DL
2SA1213Y-TE12L

TOP VIEW

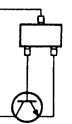


NJL5183KA-F20-TE1



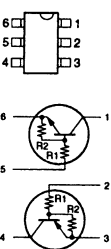
MPG3371X-150 ;GREEN
MPR3371X-150 ;RED
MPR3371X-150

-TOP VIEW-



2SC1009A-T1FA4
2SC1623-T1-L5L6
2SC4176-T1B34
2SC4177-T1L5L6
2SC4178-T1F13
2SD596T1-DV345

-TOP VIEW-



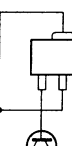
XN4312-TW

-TOP VIEW-



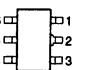
RB411D-T146

-TOP VIEW-



2SD1623-S
2SC2873Y-TE12L

-TOP VIEW-



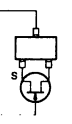
XN4601-TW

-TOP VIEW-

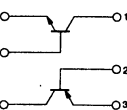


RD4.3UH-T1

-TOP VIEW-



2SK853-T1K5

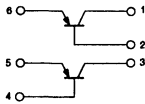


IC

-TOP VIEW-



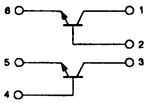
XN6401-TW
XN6435-TW



-TOP VIEW-

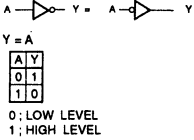
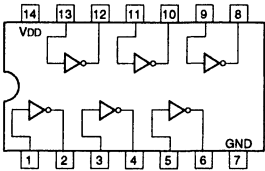


XN6501-TW
XN6534-TW



74AC04SJX (NS)FLAT PACKAGE
SN74HC04APW-E05 (TI)FLAT PACKAGE
TC74VHC04FS(EL) (TOSHIBA)FLAT PACKAGE(SMALL)

C-MOS HEX INVERTERS
-TOP VIEW-

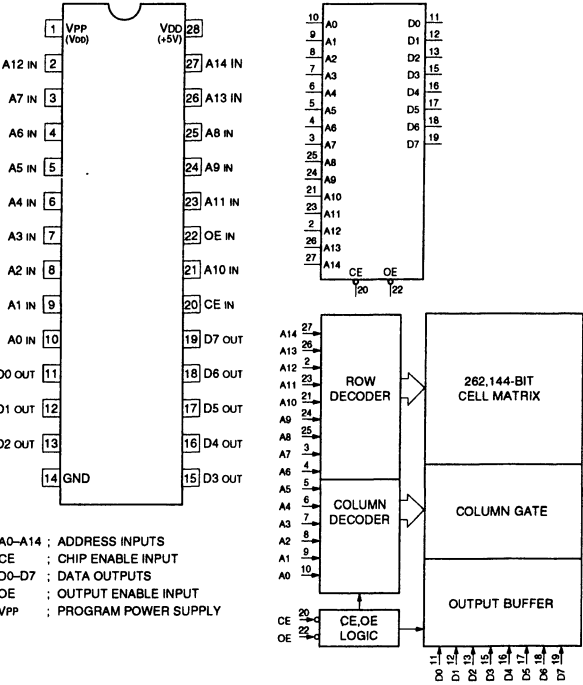


NOTE:

TYPE	V _{DD}
74AC/74VHC/74VHCT	+2 to +5.5V
74ACT/74HCT	+4.5 to +5.5V
74LCX	+2 to +3.6V
OTHER TYPE	+2 to +6V

AT27C256R-15RC (ATMEL)

C-MOS 256K (32K × 8)-BIT UV ERASABLE FROM WITH 3-STATE OUTPUTS
-TOP VIEW-



A _n	CE	OE	V _{DD}	V _{PP}	D _n	FUNCTION
A _n	0	0	+5V	+5V	D OUT	READ
A _n	0	1	+5V	+5V	HI-Z	OUTPUT DISABLE
X	1	X	+5V	+5V	HI-Z	STANDBY
A _n	0	1	+6V	+12.5V	D IN	PGM
A _n	1	0	+6V	+12.5V	D OUT	PGM VERIFY (1)
A _n	0	0	+6V	+12.5V	D OUT	PGM VERIFY (2)
X	1	1	+6V	+12.5V	HI-Z	PGM INH
AO	0	0	+5V	+5V	DEVICE CODE	ELECTRONIC SIGNATURE*

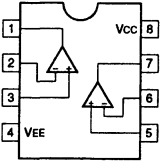
O : LOW LEVEL
1 : HIGH LEVEL
X : DON'T CARE
HI-Z : HIGH IMPEDANCE

ELECTRONIC SIGNATURE FOR P ROM WRITER
ADDRESS SETTINGS IN READ MODE

A1 - A8	A9	A10 - A13	A14, V _{PP}
0	12V	0	1

	AO	D7	D6	D5	D4	D3	D2	D1	D0
MAKER CODE	0	0	0	0	0	0	1	0	04H
DEVICE CODE	1	0	1	1	0	0	0	1	0 62H

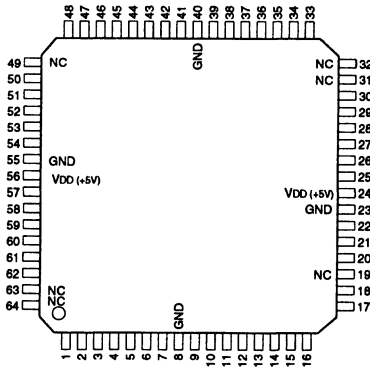
BA10358F-E2 (ROHM)FLAT PACKAGE
UPC358G2-E2 (NEC)FLAT PACKAGE
DUAL OPERATIONAL AMPLIFIER (HIGH GAIN)
-TOP VIEW-



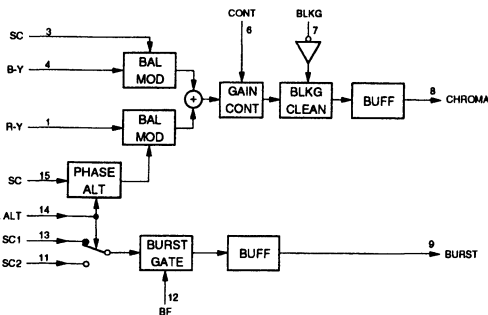
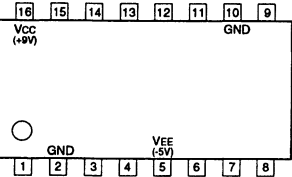
NOTE

	Vcc	VEE
SINGLE SUPPLY	+3 to +32V	GND
SPLIT SUPPLIES	+1.5 to +16V	-1.5 to -16V

CXD1095AR (SONY)
C-MOS I/O EXPANDER
-TOP VIEW-



CX22017-TH (SONY)
VIDEO SIGNAL PROCESSOR
-TOP VIEW-

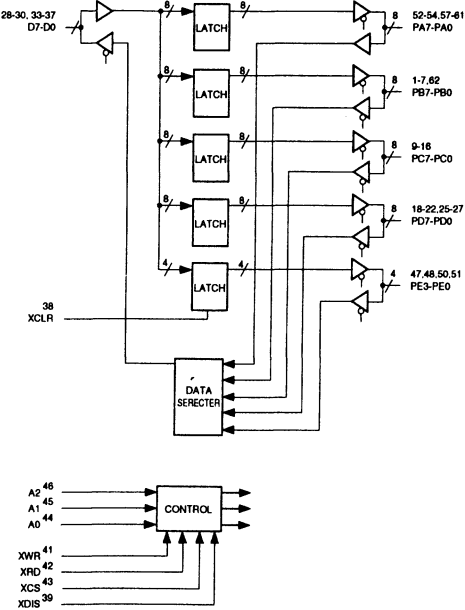


(VDD = +5V)

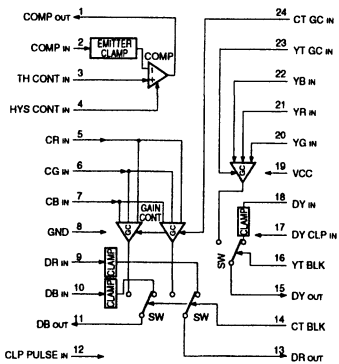
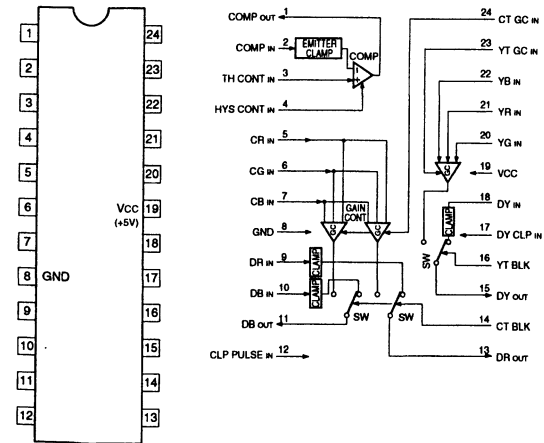
PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL
1	I/O	PB1	17	I/O	NC	33	I/O	D3	49	—	NC
2	I/O	PB2	18	I/O	PD0	34	I/O	D4	50	I/O	PE2
3	I/O	PB3	19	I/O	PD1	35	I/O	D5	51	I/O	PE3
4	I/O	PB4	20	I/O	PD2	36	I/O	D6	52	I/O	PA0
5	I/O	PB5	21	I/O	PD3	37	I/O	D7	53	I/O	PA1
6	I/O	PB6	22	I/O	PD4	38	I	XCLR	54	I/O	PA2
7	I/O	PB7	23	—	GND	39	I	XDIS	55	—	GND
8	—	GND	24	—	VDD	40	—	GND	56	—	VDD
9	I/O	PC0	25	I/O	PD5	41	I	XWR	57	I/O	PA3
10	I/O	PC1	26	I/O	PD6	42	I	XRD	58	I/O	PA4
11	I/O	PC2	27	I/O	PD7	43	I	XCS	59	I/O	PA5
12	I/O	PC3	28	I/O	D0	44	I	A0	60	I/O	PA6
13	WO	PC4	29	I/O	D1	45	I	A1	61	I/O	PA7
14	I/O	PC5	30	I/O	D2	46	I	A2	62	I/O	PB0
15	I/O	PC6	31	—	NC	47	I/O	PE0	63	—	NC
16	I/O	PC7	32	—	NC	48	I/O	PE1	64	—	NC

INPUT
A0-A3 : ADDRESS INPUT
XCLR : CLEAR
XCS : CHIP SELECT
XDIS : DISABLE
XRD : READ
XWR : WRITE

INPUT/OUTPUT
DO-7 : DATA BUS
PA0-A7 : I/O PORT 1
PB0-B7 : I/O PORT 2
PC0-C7 : I/O PORT 3
PD0-D7 : I/O PORT 4
PE0-E7 : I/O PORT 5



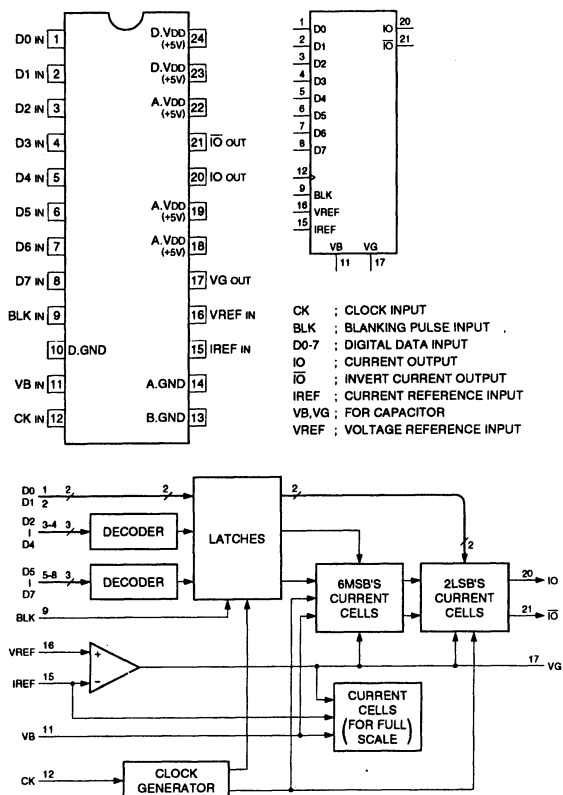
CXA1393AN (SONY)
TITLE INSERT IC FOR CAMERA
-TOP VIEW-



CXD1171M-TH (SONY) FLAT PACKAGE

C-MOS 8-BIT D/A CONVERTER

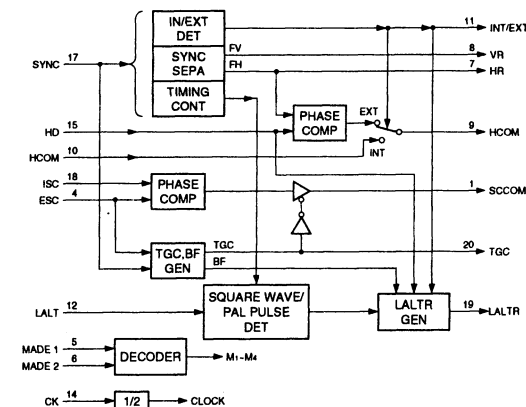
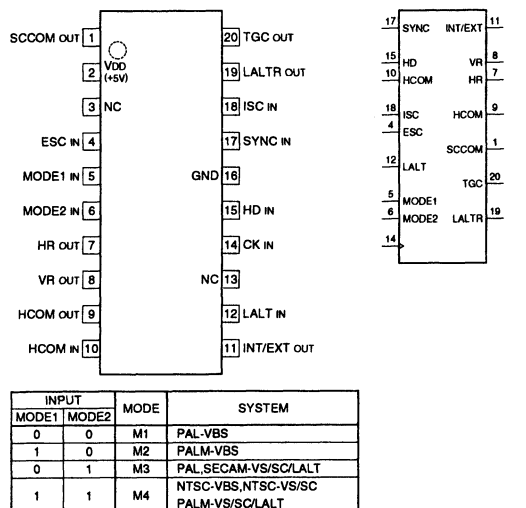
-TOP VIEW-



CXD1216M-TH (SONY) FLAT PACKAGE

C-MOS GENLOCK DRIVER

-TOP VIEW-



INPUT

CK : 4fsc CLOCK INPUT
 ESC : SC/COLOR BURST
 HCOM : PHASE COMPARE FROM CXD1217
 HD : H DRIVE FROM CXD1217
 ISC : SUBCARRIER FROM CXD1217
 LALT : LALT FROM REFERENCE SIGNAL GENERATOR
 MODE1,2 : SYSTEM SELECT
 SYNC : SYNC FROM REFERENCE SIGNAL GENERATOR

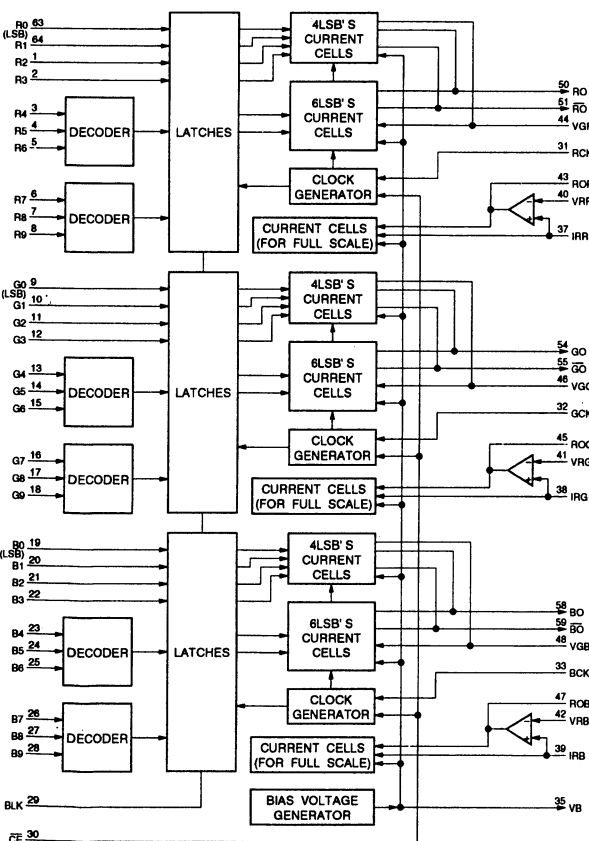
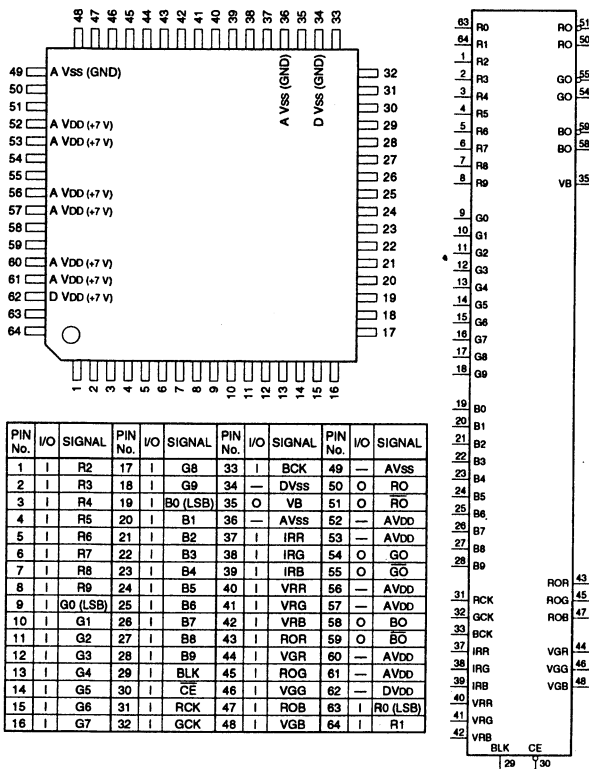
OUTPUT

HCOM : PHASE COMPARETOR HR WITH HD
 HR : H OF SYNC SEPARATE
 INT/EXT : INTERNAL/EXTERNAL SPECIFIED
 LALTR : LINE CHANGE RESET
 SCOOM : PHASE COMPARETOR ESC WITH ISC
 TGC : TRISTATE CONTROL
 VR : IV OF SYNC SEPARATE

CXD2307R-T4 (SONY)FLAT PACKAGE

C-MOS 10-BIT 50MSPS RGB 3CHANNEL D/A CONVERTER

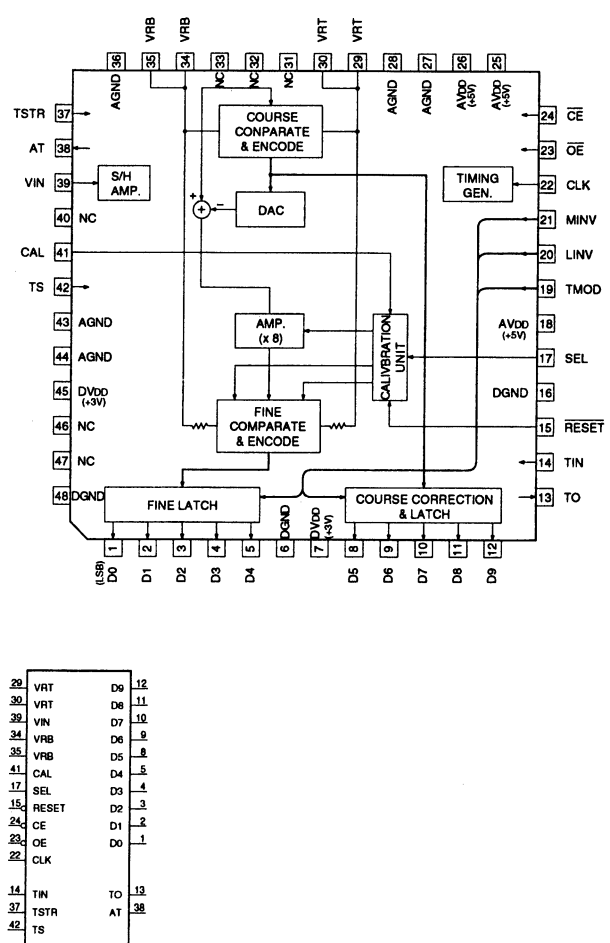
— TOP VIEW —



CXD2310AR-T4 (SONY)

C-MOS 10-BIT 20MSPS VIDEO A/D CONVERTER

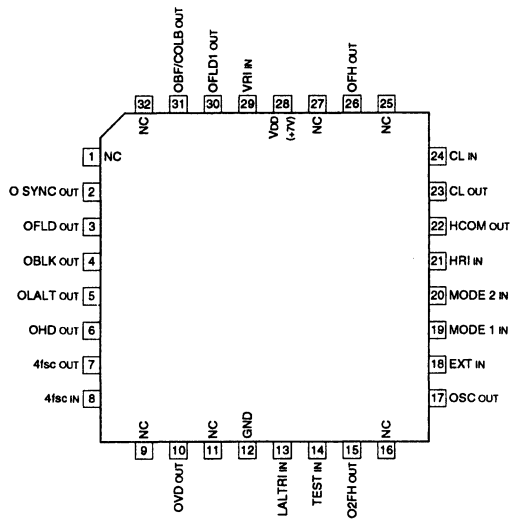
—TOP VIEW—



INPUT	
CAL	: CALIBRATION PULSE INPUT
CE	: CHIP ENABLE
CLK	: CLOCK
LINV	: OUTPUT (D0-D8) INVERSION
MINV	: OUTPUT (D9) INVERSION
OE	: DIGITAL DATA OUTPUT ENABLE
RESET	: CALIBRATION CIRCUIT RESET
SEL	: OUTPUT DATA (D5-D9) SELECT FOR CALIBRATION (4-CLOCK) HIGH; THROUGH OUTPUT, LOW; DATA FIXED AS WITH D0-D4
TIN	: TEST SIGNAL INPUT
TMOD	: TEST MODE
TS	: TEST SIGNAL INPUT
TSTR	: TEST SIGNAL INPUT
VRB	: REFERENCE BOTTOM VOLTAGE
VRT	: REFERENCE TOP VOLTAGE

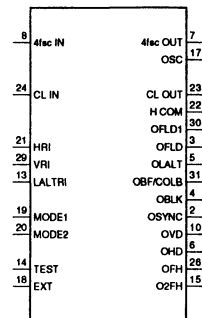
OUTPUT
 AT ; TEST SIGNAL OUTPUT
 D0-D9 ; DIGITAL DATA OUTPUT
 TO ; TEST PIN

CXD1217Q-T4 (SONY)

C-MOS SYNC GENERATOR
-TOP VIEW-

SYSTEM	4fsc	CLOCK
NTSC	910H	910H
PAL	1135H + 2V	908H
PALM	909H	910H
SECAM	—	908H

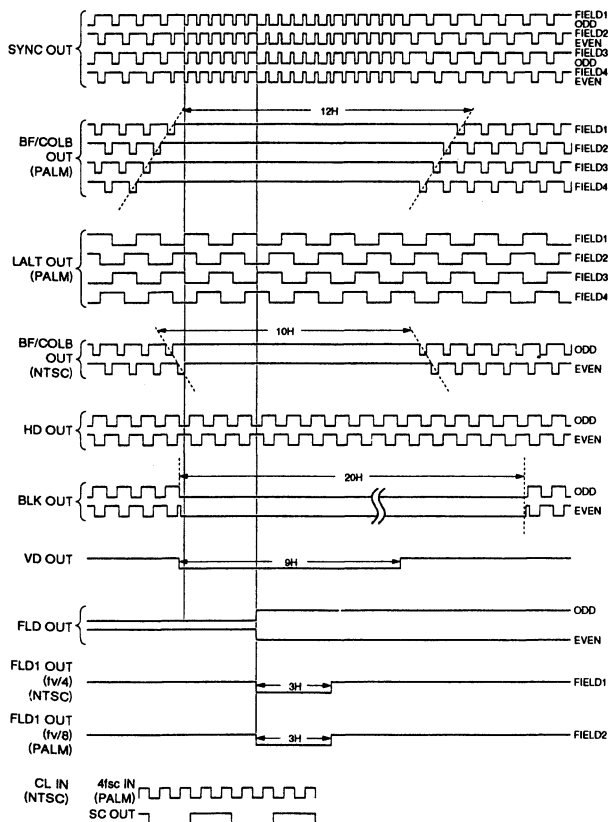
INPUT		SYSTEM
MODE1	MODE2	
0	0	NTSC
0	1	SECAM
1	0	PALM
1	1	PAL

0 : LOW LEVEL
1 : HIGH LEVEL

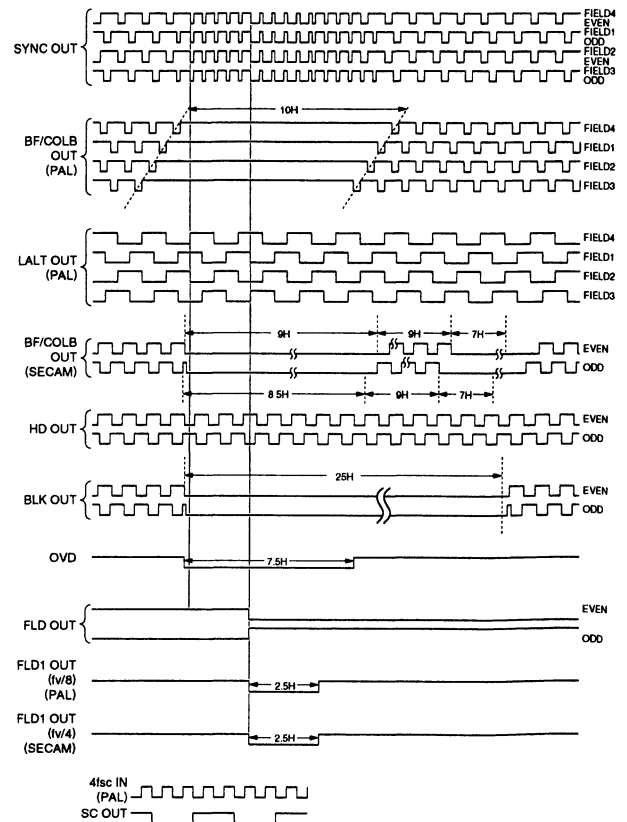
INPUT
 4fsc IN : 4fsc
 CL IN : CLOCK
 EXT : SYNC MODE SELECT
 (L : INTERNALH : EXTERNAL)
 HRI : HORIZONTAL RESET
 LALTRI : LINE ALTERNATE RESET
 MODE1, 2 : SYSTEM SELECT
 VRI : VERTICAL RESET

OUTPUT
 4fsc OUT : 4fsc
 CL OUT : CLOCK
 HCOM : PHASE COMPARATOR
 O2FH : 2H
 OBF/COLB : BURST FLAG/COLOR BLANKING
 OBLK : COMPOSITE BLANKING
 OFH : 1H
 OFLD : FIELD PULSE
 OFLD1 : FIELD1
 OHD : HORIZONTAL DRIVE
 OLALT : LINE ALTERNATE
 OSC : SUBCARRIER
 OSYNC : COMPOSITE SYNC
 OVD : VERTICAL DRIVE

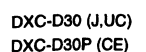
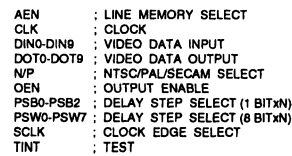
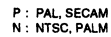
(NTSC, PALM)



(PAL, SECAM)

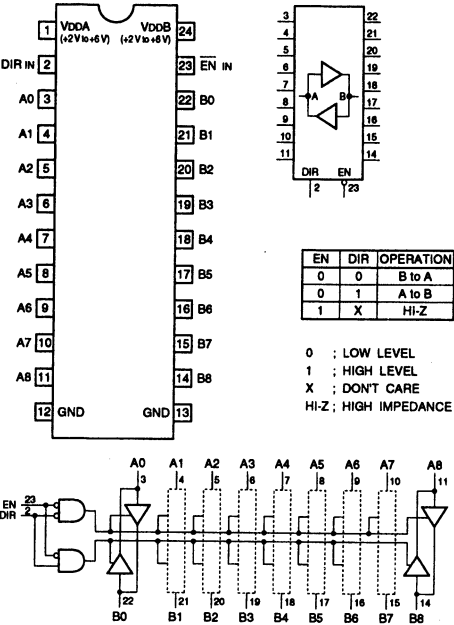


—TOP VIEW—



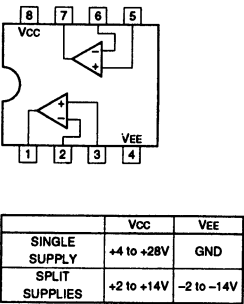
HD151015TEL (HITACHI)FLAT PACKAGELT

C-MOS 9-BIT LEVEL SHIFTER/TRANSCEIVER WITH 3-STATE OUTPUTS
—TOP VIEW—



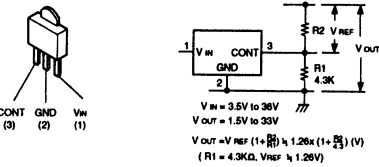
LT1253CS8-E2 (LINEAR TECHNOLOGY)FLAT PACKAGE

DUAL VIDEO AMPLIFIER
—TOP VIEW—



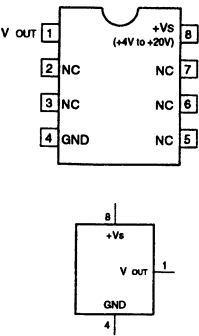
M5237ML-TP1 (MITSUBISHI)

ADJUSTABLE VOLTAGE REGULATOR



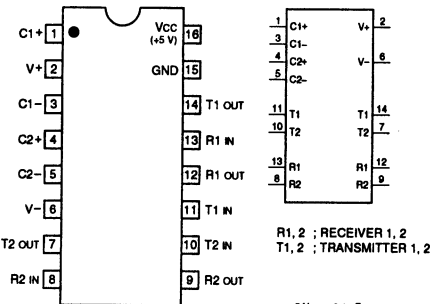
LM35DMX (NSC)FLAT PACKAGE

TEMPERATURE SENSOR
—TOP VIEW—



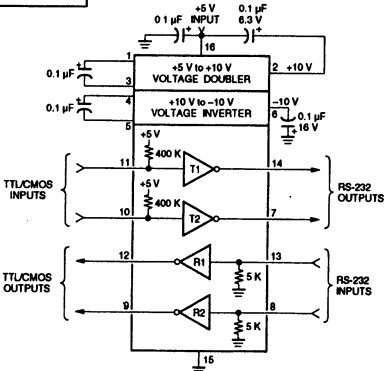
MAX202CSE-TE2 (MAXIM)

RS-232 TRANSMITTER/RECEIVER
—TOP VIEW—



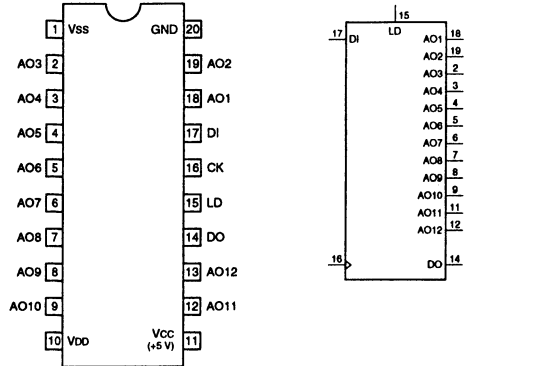
LM4040AIM3-2.5 (NS)

PRECISION MICROPOWER SHUNT VOLTAGE REFERENCE
—TOP VIEW—



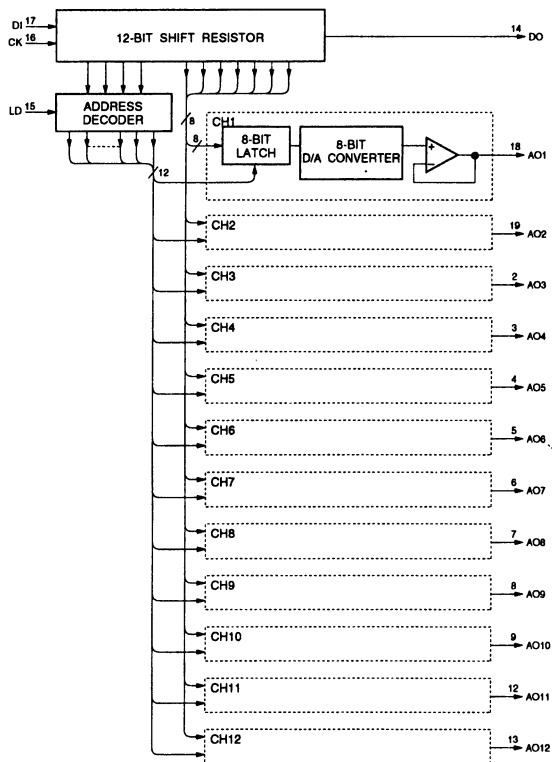
M62352GP-75ED (MITSUBISHI) FLAT PACKAGE

C-MOS 8-BITx12 CHANNEL D/A CONVERTER
(WITH BUFFER OPERATIONAL AMPLIFIER)
— TOP VIEW —



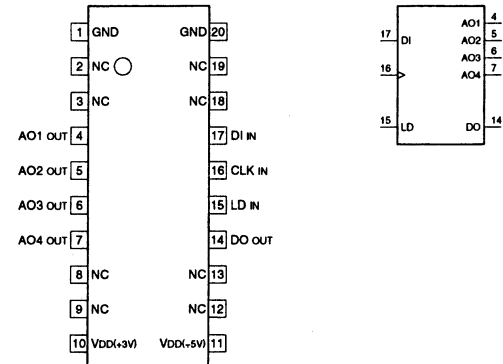
AO1-AO12 : 8-BIT D/A OUTPUTS
CK : CLOCK INPUT
DI : SERIAL DATA INPUT
DO : DATA OUTPUT

NOTE:
3.5 V < V_{DD} < V_{CC}
-3.5 V < V_{SS} < V_{CC}



MB88351PFV-ER (FUJITSU) FLAT PACKAGE

C-MOS 12-BIT D/A CONVERTER WITH OPERATIONAL AMPLIFIER
— TOP VIEW —

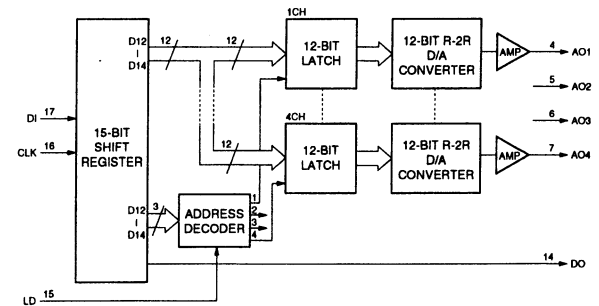


INPUT
CLK : SHIFT CLOCK
DI : SERIAL DATA
LD : DECODER AND D/A REGISTER TO LOAD

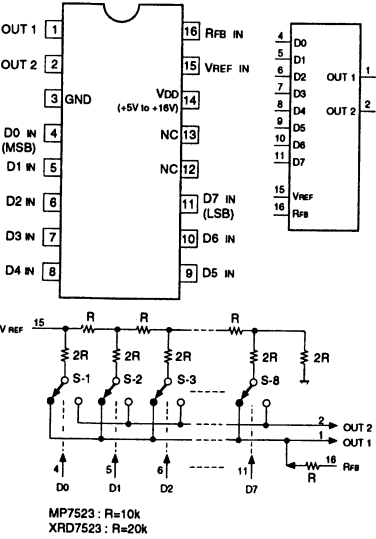
OUTPUT
AO1 - AO4 : ANALOG DATA
DO : MBS BIT DATA IN 15-BIT SHIFT REGISTER

D12	D13	D14	ADDRESS SELECT
0	0	0	DON'T CARE
0	0	1	AO1 SELECT
0	1	0	AO2 SELECT
0	1	1	AO3 SELECT
1	0	0	AO4 SELECT
1	0	1	DON'T CARE
1	1	0	DON'T CARE
1	1	1	DON'T CARE

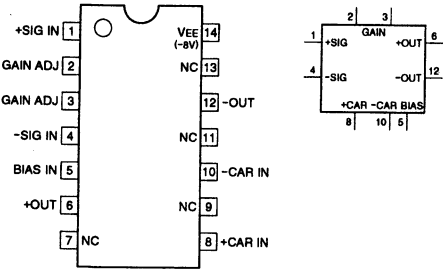
0 : LOW LEVEL
1 : HIGH LEVEL



MP7523JS-T2 (MICRO POWER SYSTEMS)FLAT PACKAGE
C-MOS 8-BIT D/A CONVERTER
-TOP VIEW-

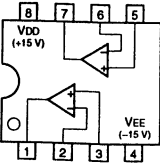


NJM1496V-TE2 (JRC)FLAT PACKAGE
BALANCED MODULATOR/DEMODULATOR
-TOP VIEW-

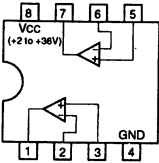


NJM2043M-D-TE2 (JRC)FLAT PACKAGE
TL062CPW-E05 (TI)FLAT PACKAGE
UPC812G2-T2 (NEC)FLAT PACKAGE

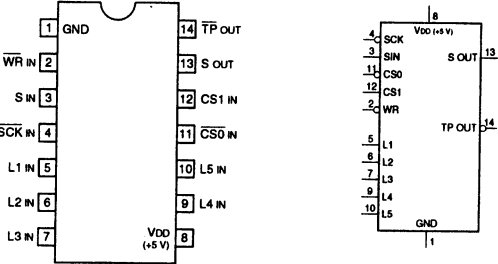
DUAL OPERATIONAL AMPLIFIER
- TOP VIEW -



NJM2903V(Te2) (FSC)
DUAL VOLTAGE COMPARATORS
-TOP VIEW-

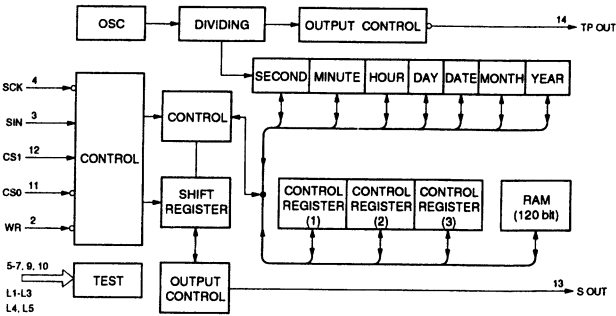


RTC-4553B-L2 (EPSON)
C-MOS REAL TIME CLOCK
- TOP VIEW -



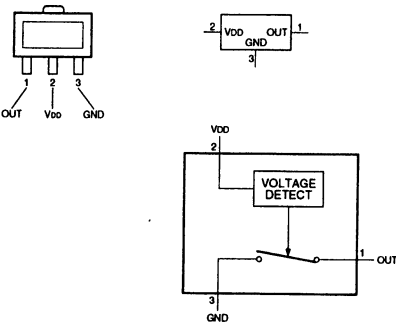
- INPUT**
CS0 : CHIP SELECT (L: ACCESS ENABLE, H: SOUT HIGH Z)
CS1 : POWER DOWN DETECTION
L1-L5 : TEST IN
SCK : SERIAL SYNC SIGNAL
SIN : SERIAL ADDRESS/DATA
WR : WRITING SELECT (L: WRITING, H: READING)

- OUTPUT**
SOUT : SERIAL ADDRESS/DATA
TPOUT : REFERENCE SIGNAL



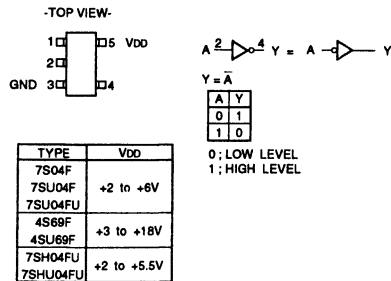
S-8054HN-CB-T1 (SEIKO I AND E)

C-MOS VOLTAGE DETECTOR WITH N-CHANNEL OPEN DRAIN OUTPUT
-TOP VIEW-



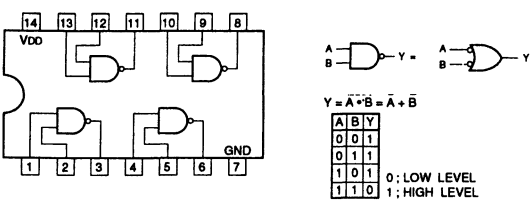
SC7S04F (MOTOROLA)CHIP PACKAGE
TC4S69F (TE85R) (TOSHIBA)CHIP PACKAGE
TC7S04F (TE85R) (TOSHIBA)CHIP PACKAGE
TC7S04FU (TE85R) (TOSHIBA)FLAT PACKAGE

C-MOS INVERTER



SN74HC00APW-E05 (TI)FLAT PACKAGE
TC74VHC00FS(EL) (TOSHIBA)FLAT PACKAGE(SMALL)

C-MOS QUAD 2-INPUT NAND GATES

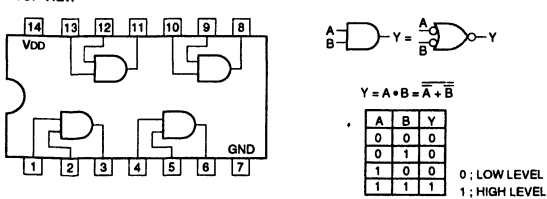


NOTE:

TYPE	VDD
74AC/74VHC	+2 to +5.5V
74ACT/74HCT	+4.5 to +5.5V
74LCX	+2 to +3.6V
OTHER TYPES	+2 to +6V

SN74HC08APW-E05 (TI)FLAT PACKAGE
SN74HCT08APW-E05 (TI)FLAT PACKAGE

C-MOS QUAD 2-INPUT AND GATE

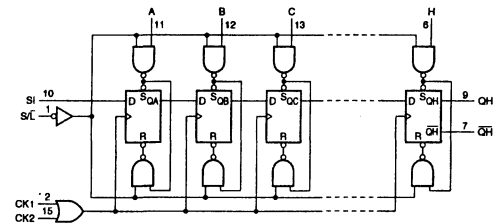
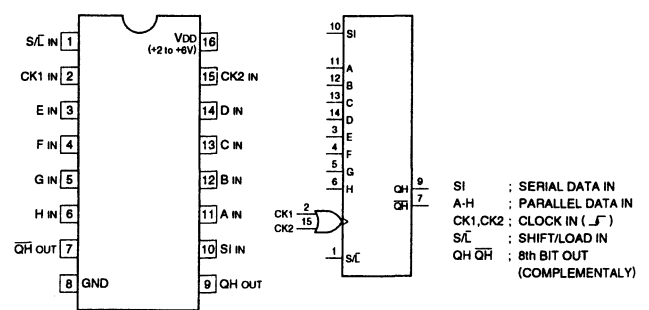


NOTE:

TYPE	VDD
AC	+2 to +5.5V
TC40H	+2 to +8V
ACT/HCT	+5V
OTHER TYPES	+2 to +8V

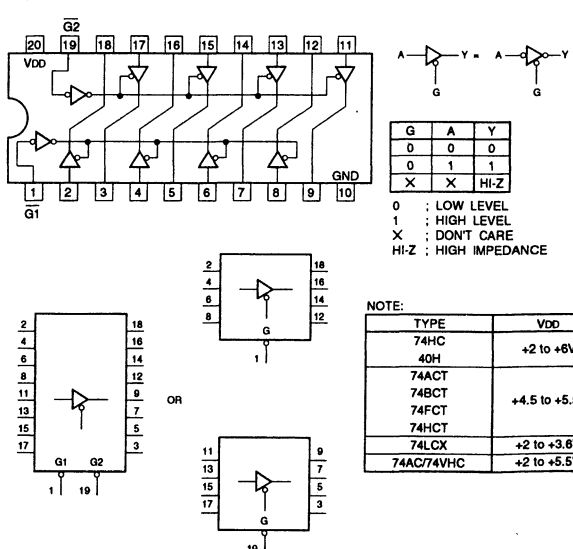
SN74HC165ANS-E05 (TI)FLAT PACKAGE
SN74HC165APW-E05 (TI)FLAT PACKAGE
TC74VHC165FS(EL) (TOSHIBA)FLAT PACKAGE

C-MOS SERIAL-OR PARALLEL-INPUT SHIFT REGISTER

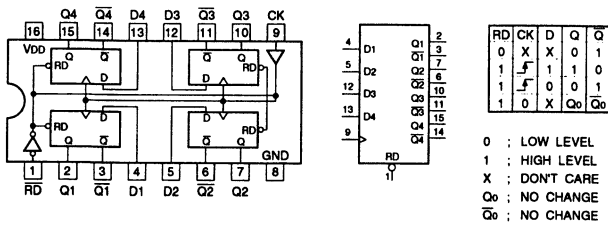


SN74HC244APW-E05 (TI)
SN74HCT244APW-E05 (TI)FLAT PACKAGE

C-MOS BUS BUFFER WITH 3-STATE OUTPUTS



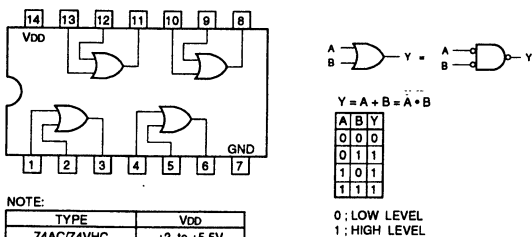
SN74HC175APW-E05 (TI) FLAT PACKAGE

C-MOS QUAD D-TYPE FLIP-FLOPS WITH RESET
—TOP VIEW—

NOTE:

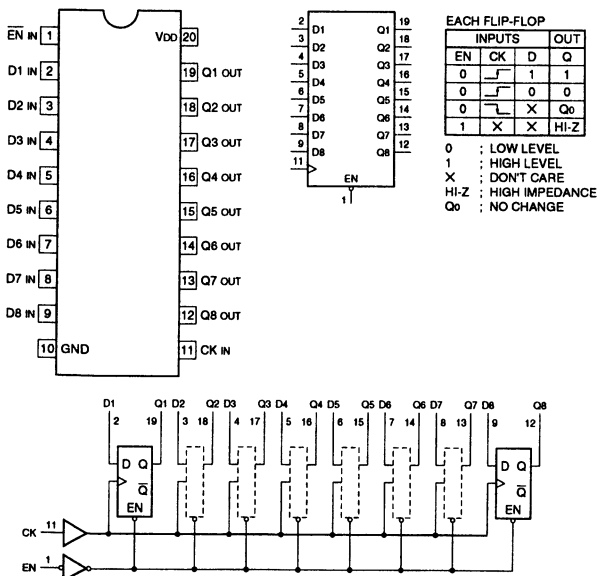
TYPE	VDD
AC TYPE	+2V to +5.5V
74ACT175 TYPE	+4.5V to 5.5V
OTHER TYPES	+2V to 6V

SN74HC32APW-E05 (TI) FLAT PACKAGE

C-MOS QUAD 2-INPUT OR GATES
—TOP VIEW—

NOTE:

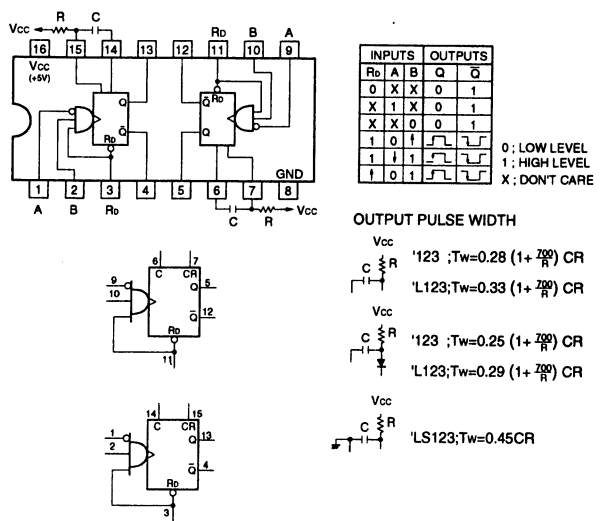
TYPE	VDD
74AC/74VHC	+2 to +5.5V
74HC	+2 to +6V
74HCT	+4.5 to +5.5V

SN74HC574APW-E05 (TI)
TC74VHC574FS(EL) (TOSHIBA) FLAT PACKAGE (SMALL)C-MOS 3-STATE D-TYPE EDGE-TRIGGERED FLIP-FLOP
—TOP VIEW—

NOTE:

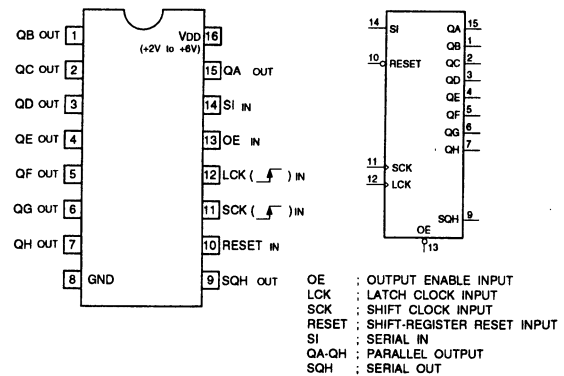
TYPE	VDD
74HC	+2 to +6V
74AC/74VHC	+2 to +5.5V
74ACT/74ACT/74HCT	+4.5 to +5.5V
74LCX	+2 to 3.6V
74LVC	+2.7 to 3.6V

SN74LS123NS-E05 (TI) FLAT PACKAGE

TTL RETRIGGERABLE MONOSTABLE MULTIVIBRATORS WITH DIRECT RESET
—TOP VIEW—

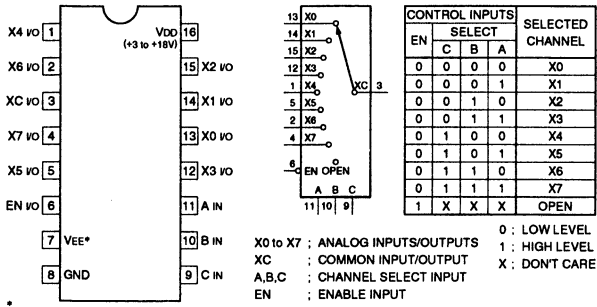
SN74HC595ADB-E05 (TI) FLAT PACKAGE (SMALL)

SN74HC595ANS-E05 (TI) FLAT PACKAGE

C-MOS 8-BIT SERIAL-INPUT/SERIAL- OR PARALLEL-OUTPUT
SHIFT REGISTER WITH LATCHED 3-STATE OUTPUT
—TOP VIEW—

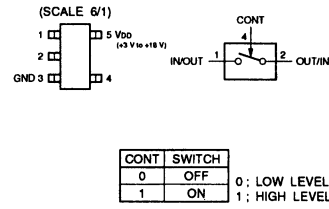
TC4051BFS(EL) (TOSHIBA)FLAT PACKAGE

C-MOS 8-CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER
—TOP VIEW—



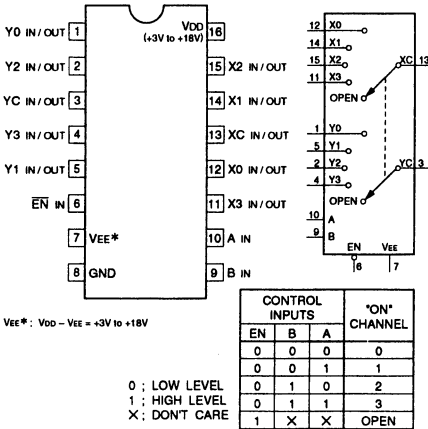
TC4S66F(TE85R) (TOSHIBA)CHIP PACKAGE

C-MOS BILATERAL ANALOG SWITCH
—TOP VIEW—



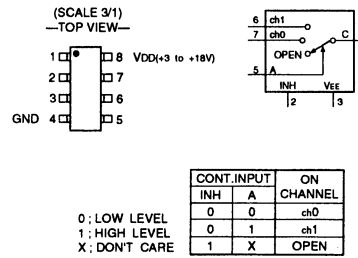
TC4052BFS(ELQ) (TOSHIBA)FLAT PACKAGE

C-MOS DUAL 4-CHANNEL ANALOG MULTIPLEXERS / DEMULTIPLEXERS
—TOP VIEW—



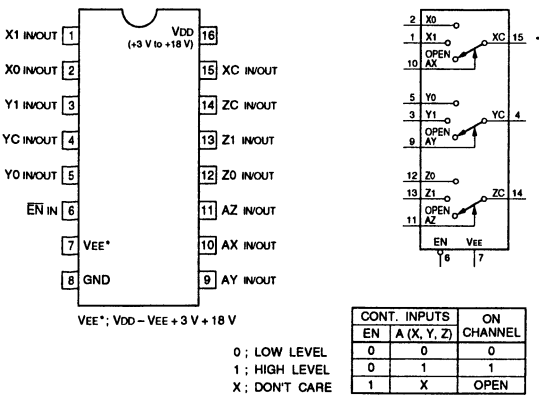
TC4W53FU(TE12R) (TOSHIBA)CHIP PACKAGE

C-MOS 2-CHANNEL MULTIPLEXER / DEMULTIPLEXER



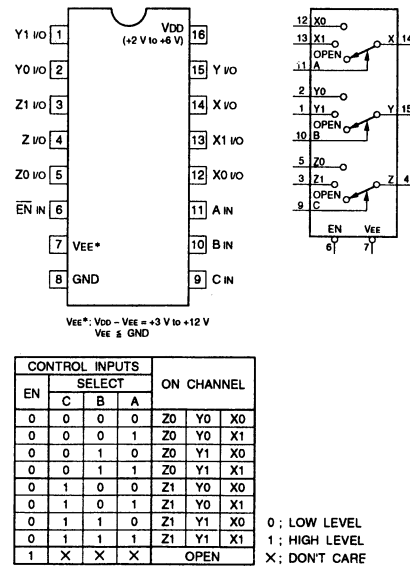
TC4053BFS-EL (TOSHIBA)FLAT PACKAGE

C-MOS TRIPLE 2-CHANNEL ANALOG MULTIPLEXERS/DEMULTIPLEXERS
—TOP VIEW—



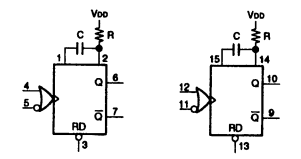
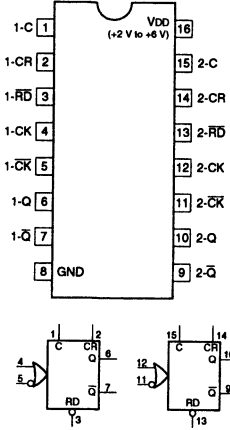
TC74HC4053AFS-EL (TOSHIBA)FLAT PACKAGE

C-MOS TRIPLE 2-CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER
—TOP VIEW—

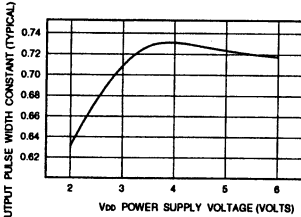


TC74HC4538AFS-EL (TOSHIBA) FLAT PACKAGE

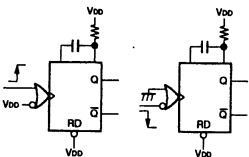
C-MOS DUAL RETRIGGERABLE / NON-RETRIGGERABLE MONOSTABLE MULTIVIBRATOR
-TOP VIEW-



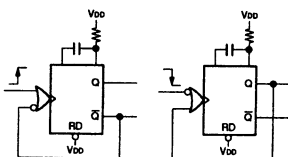
$$\text{OUTPUT PULSE WIDTH} = k \cdot C \cdot R$$



RETRIGGERABLE M. M. V

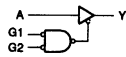
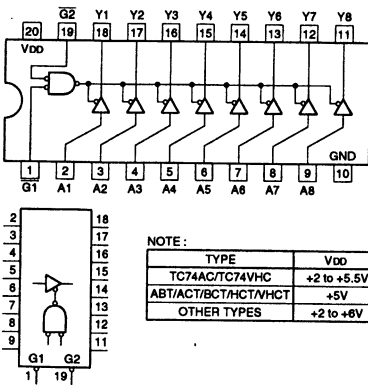


NON-RETRIGGERABLE M. M. V



TC74VHC541FS(EL) (TOSHIBA) FLAT PACKAGE (SMALL)

C-MOS BUFFERS AND LINE DRIVERS WITH 3-STATE OUTPUTS
-TOP VIEW-



G1	G2	A	Y
0	0	0	1
0	0	1	0
1	X	X	Hi-Z
X	1	X	Hi-Z

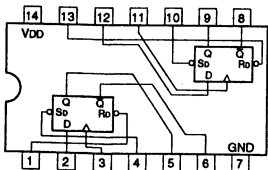
0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE
Hi-Z; HIGH IMPEDANCE

NOTE:

TYPE	VDD
TC74AC/TC74VHC	+2 to +5.5V
ABT/ACT/BCT/HCT/VHCT	+5V
OTHER TYPES	+2 to +6V

TC74VHC74FS(EL) (TOSHIBA) FLAT PACKAGE (SMALL)

C-MOS DUAL D-TYPE FLIP-FLOPS WITH DIRECT SET/RESET
-TOP VIEW-



INPUTS				OUTPUTS	
SD	RD	CK	D	Qn+1	Qn+1
0	1	X	X	1	0
1	0	X	X	0	1
0	0	X	X	1	1
1	1	1	1	1	0
1	1	1	0	0	1
1	1	0	X	Qn	Qn

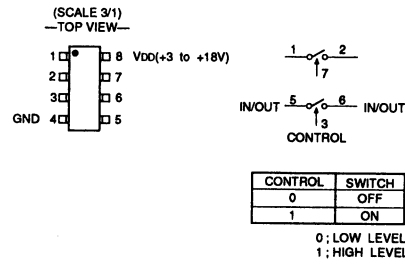
0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE

NOTE:

TYPE	VDD
74HCT/74ACT	+4.5 to +5.5V
74LVC	+2.7 to +3.6V
74AC/74VHC	+2 to +5.5V
OTHERS	+2 to +6V

TC4W66FU(TE12R) (TOSHIBA) FLAT PACKAGE

C-MOS DUAL BILATERAL SWITCH

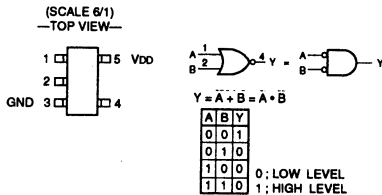


CONTROL	SWITCH
0	OFF
1	ON

0; LOW LEVEL
1; HIGH LEVEL

TC7S02FU(TE85R) (TOSHIBA) CHIP PACKAGE

C-MOS 2-INPUT NOR GATE



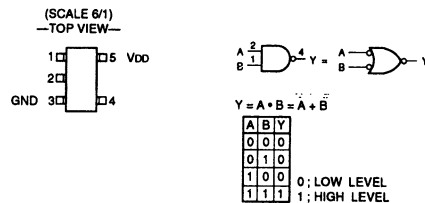
A	B	Y
0	0	1
0	1	0
1	0	0
1	1	0

0; LOW LEVEL
1; HIGH LEVEL

TYPE	VDD
4S01F	+3 to +18V
7S02F	+2 to +6V
7SH02FU	+2 to +6V

TC7S08F(TE85R) (TOSHIBA) CHIP PACKAGE TC7S08FU(TE85R) (TOSHIBA) FLAT PACKAGE TC7SH08FU-TE85R (TOSHIBA) CHIP PACKAGE

C-MOS 2-INPUT AND GATE



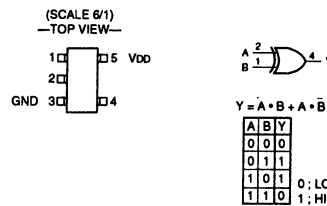
A	B	Y
0	0	0
0	1	0
1	0	0
1	1	1

0; LOW LEVEL
1; HIGH LEVEL

TYPE	VDD
7S08F	+2 to +6V
7S08FU	+2 to +6V
4S81F	+3 to +18V
14S81F	+3 to +18V
7SH08FU	-2 to +5.5V

TC7S86F(TE85R) (TOSHIBA) FLAT PACKAGE

C-MOS 2-INPUT EXCLUSIVE OR GATE



A	B	Y
0	0	0
0	1	1
1	0	1
1	1	0

0; LOW LEVEL
1; HIGH LEVEL

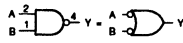
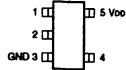
TYPE	VDD
7S86FU	+2 to +6V
7S86F	+2 to +6V
4S30F	+3 to +18V

TC7SH00FU-TE85R (TOSHIBA) FLAT PACKAGE

C-MOS 2-INPUT NAND GATE

—TOP VIEW—

(SCALE 6/1)



$$Y = A \cdot B = \overline{A + B}$$

A	B	Y
0	0	1
0	1	1
1	0	1
1	1	0

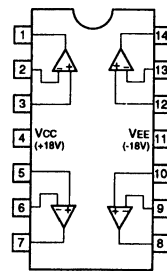
0: LOW LEVEL
1: HIGH LEVEL

TYPE	VDD
7S00F	+2 to +6 V
7S00FU	+2 to +6 V
4S11F	+3 to +18 V
4S11FU	+3 to +18 V
7SH00FU	+2 to +5.5 V

TL064CPW-E05 (TI) FLAT PACKAGE

OPERATIONAL AMPLIFIER (J FET INPUT)

—TOP VIEW—

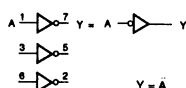
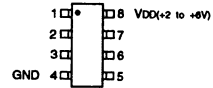


TC7W04FU (TE12R) (TOSHIBA) FLAT PACKAGE

C-MOS HEX INVERTERS

(SCALE 3/1)

—TOP VIEW—



$$Y = \overline{A}$$

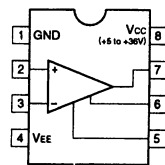
A	Y
0	1
1	0

0: LOW LEVEL
1: HIGH LEVEL

UPC311G2-E2 (NEC) FLAT PACKAGE

VOLTAGE COMPARATOR

—TOP VIEW—

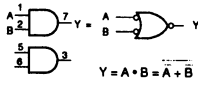
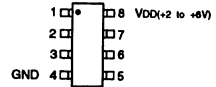


TC7W08FU (TE12R) (TOSHIBA) CHIP PACKAGE

C-MOS 2-INPUT AND GATE

(SCALE 3/1)

—TOP VIEW—



$$Y = A \cdot B = \overline{A + B}$$

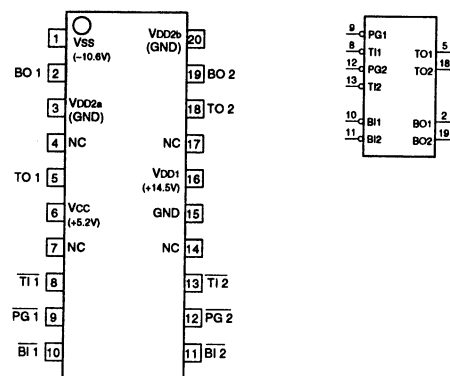
A	B	Y
0	0	0
0	1	0
1	0	0
1	1	1

0: LOW LEVEL
1: HIGH LEVEL

UPD16502GS-E2 (NEC) FLAT PACKAGE

C-MOS CCD DRIVER

—TOP VIEW—



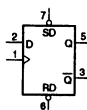
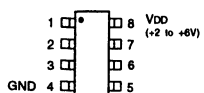
TC7W74FU (TE12R) (TOSHIBA) CHIP PACKAGE

C-MOS D-TYPE FLIP-FLOPS WITH DIRECT SET / RESET

—TOP VIEW—

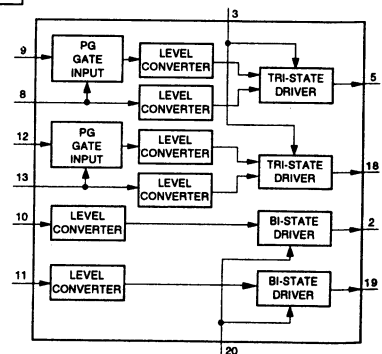
(SCALE 3/1)

—TOP VIEW—

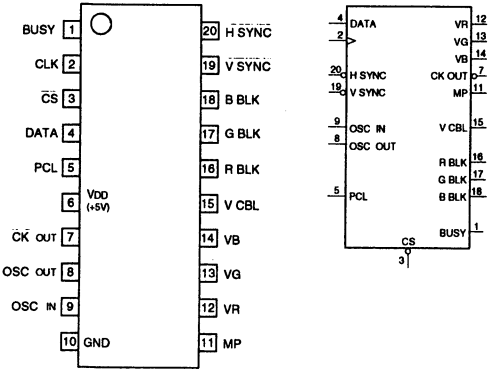


INPUTS				OUTPUTS	
SD	RD	CK	D	Qn+1	Qn+1
0	1	X	X	1	0
1	0	X	X	0	1
0	0	X	X	1	1
1	1	X	X	1	0
1	1	X	0	0	1
1	1	X	X	Qn	Qn

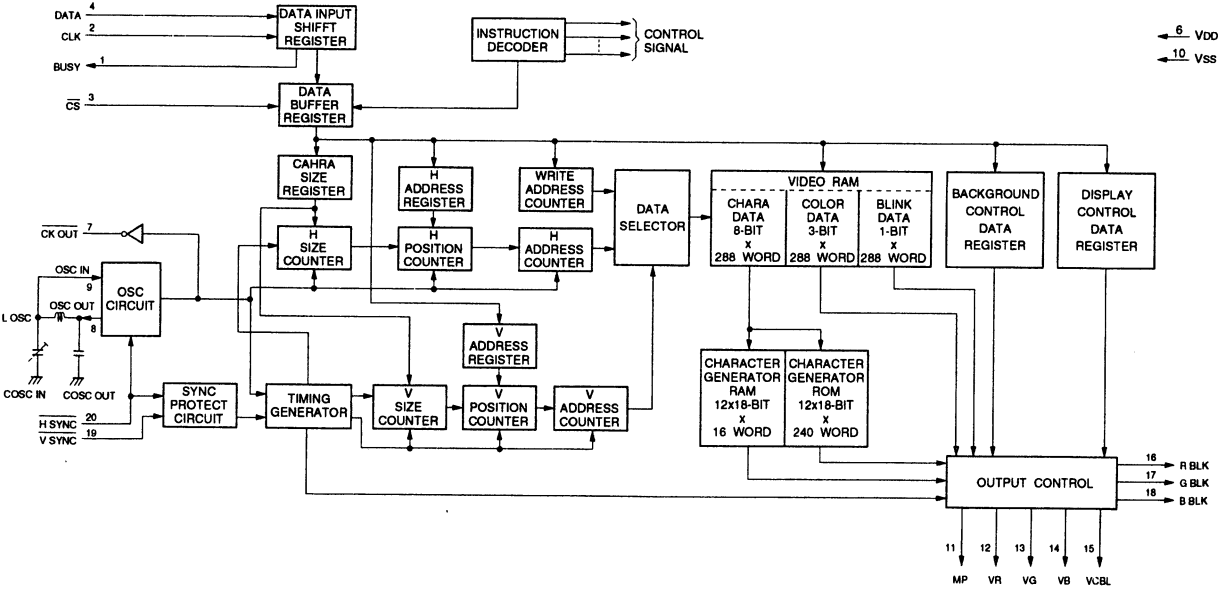
0: LOW LEVEL
1: HIGH LEVEL
X: DON'T CARE



UPD6453GT-610-E2 (NEC)FLAT PACKAGE
C-MOS ON-SCREEN CHARACTER DISPLAY
—TOP VIEW—



- INPUT**
- CLK : CLOCK
 - CS : CHIP SELECT
 - DATA : SERIAL DATA
 - H SYNC : HORIZONTAL SYNC
 - OSC IN : OSCILLATOR IN
 - PCL : POWER ON CLEAR
 - V SYNC : VERTICAL SYNC
- OUTPUT**
- B BLK, R BLK, G BLK : B, R, G, BLANKING
 - BUSY : BUSY OUT
 - CK OUT : CLOCK
 - MP : MASK PULSE
 - OSC OUT : OSCILLATOR OUT
 - VR, VG, VB : R, G, B, CHARACTER DATA
 - V CBL : VIDEO CUT BLANKING



SECTION 7

SPARE PARTS

7-1. NOTES ON REPAIR PARTS

(1) Safety Related Components Warning

Components marked with Δ on the schematic diagrams, exploded views and electrical spare parts list are critical to safe operation.

Replace these components with Sony parts whose part numbers appear in this manual or in service bulletins and service manual supplements published by Sony.

(2) Standardization of Parts

Repair parts supplied from Sony Parts Center may not be always identical with the parts which actually in use due to "accommodating the improved parts and/or engineering changes" or "standardization of genuine parts".

This manual's exploded views and electrical spare parts list are indicating the part numbers of "the standardized genuine parts at present".

(3) Stock of Parts

Parts marked with "o" SP (Supply Code) column of the spare parts list are not normally required for routine service work. Orders for parts marked with "o" will be processed, but allow for additional delivery time.

(4) Units for Capacitors, Inductors and Resistors

The following units are assumed in schematic diagrams, electrical parts list and exploded views unless otherwise specified.

Capacitors : μF
Inductors : μH
Resistors : Ω

7-1. 補修用部品注意事項

(1) 安全重要部品

回路図、分解図、電気部品表中 Δ 印の部品は安全性を維持するために重要な部品です。従ってこれらの部品を交換するときには必ず指定の部品と交換して下さい。

(2) 部品の共通化

ソニーから供給される部品は、セットに実装されているものと異なることがあります。これは部品の共通化、改良等によるものです。

分解図や電気部品表には現時点での共通化された部品が記載されています。

(3) 部品の在庫

部品表の SP (Supply code) 欄に o で示される部品は交換頻度が低い部品ですので在庫していないことがあり、納期が長くなることがあります。

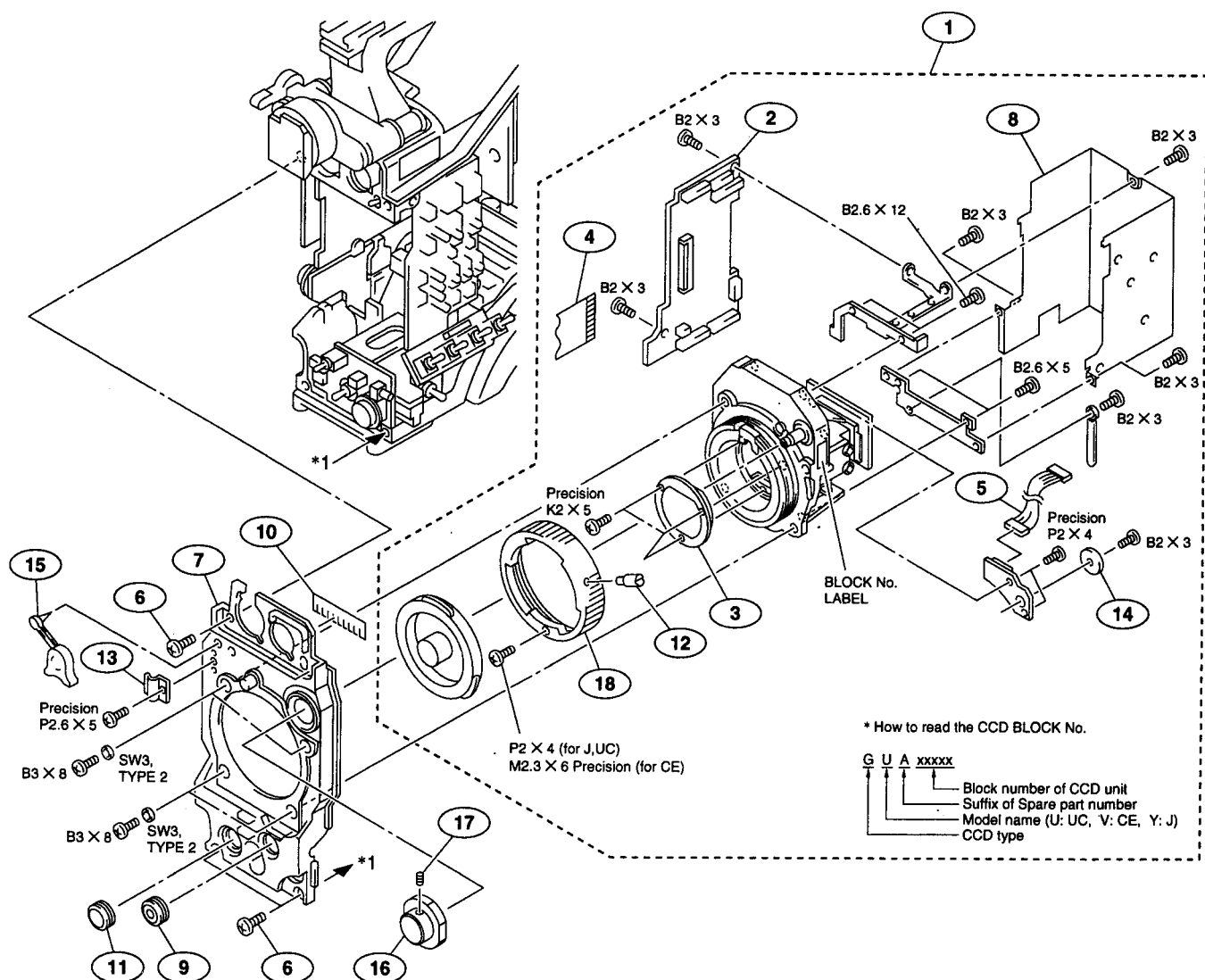
(4) コンデンサー、インダクター、抵抗の単位

回路図、分解図、電気部品表中、特に明記したものを除き、下記の単位は省略されています。

コンデンサー : μF
インダクター : μH
抵抗 : Ω

CCD BLOCK

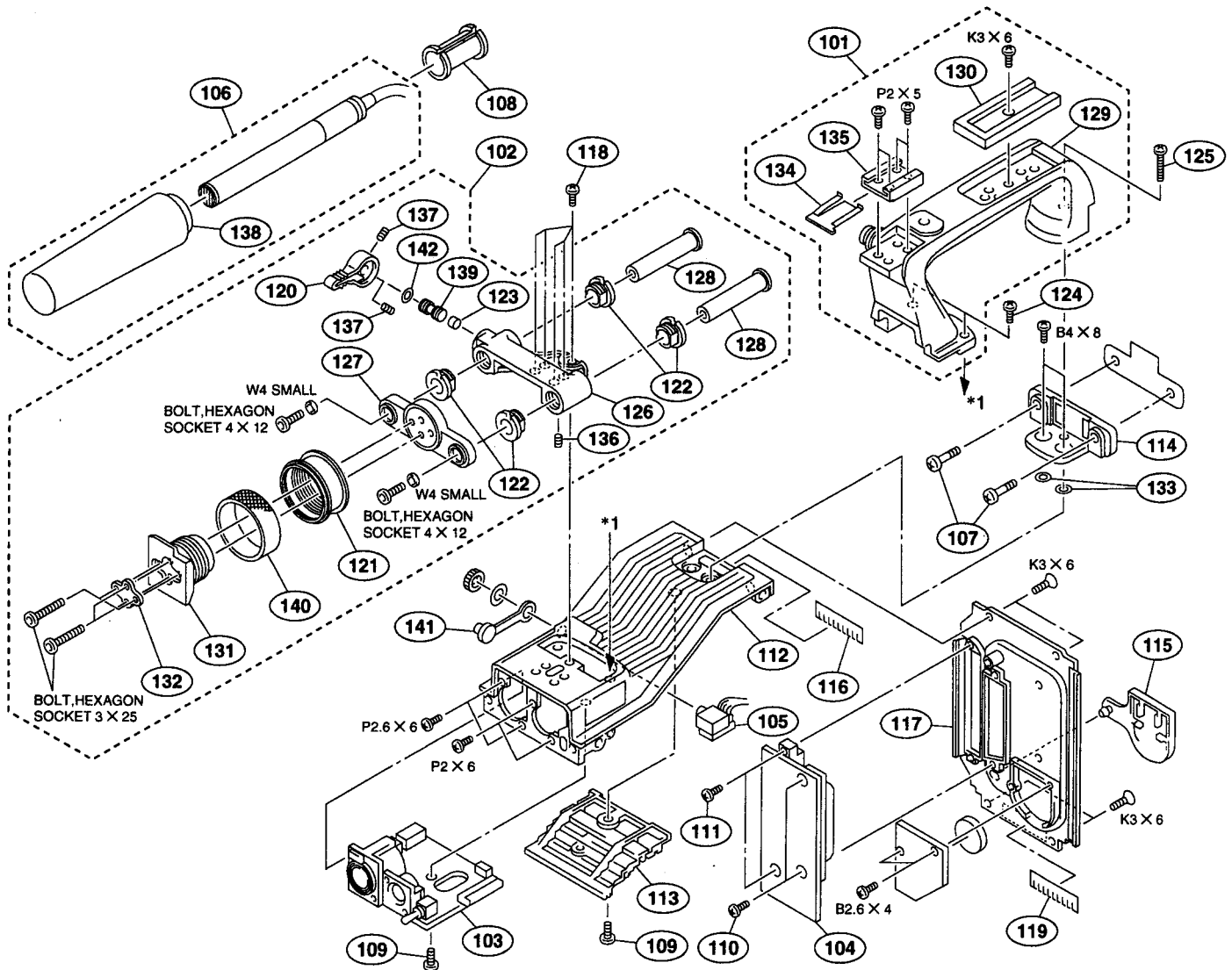
7-2. EXPLODED VIEWS



No.	Part No.	SP Description
1	A-8311-106-A	s CCD BLOCK ASSY (for UC)
	A-8311-144-A	s CCD BLOCK ASSY (for CE)
	A-8311-157-A	s CCD BLOCK ASSY (for J)
2	A-8311-107-A	o MOUNTED CIRCUIT BOARD, TG-175 (For J,UC)
	A-8311-145-A	o MOUNTED CIRCUIT BOARD, TG-175(P) (For CE)
3	1-547-985-11	o FILTER UNIT, OPTICAL
4	1-777-768-11	s WIRE, FLAT TYPE (30 CORE)
5	1-956-512-11	o HARNESS, SUB (FL)
6	3-178-214-21	s SCREW (M3X10), +B
7	3-604-362-01	o PANEL, FRONT
8	3-604-384-01	o CASE, SHIELD
9	3-604-391-01	o COVER, SW(M)
10	3-604-394-01	o FINGER, SHIELD(A)
11	3-672-221-02	s PACKING, CONTROL
12	3-678-629-00	s LEVER, MOUNT
13	3-678-684-00	o HOLDER, CABLE
14	3-686-191-01	o PLATE, FILTER-ID
15	3-686-269-02	s STOPPER, MOUNT

No.	Part No.	SP Description
16	3-688-781-02	s KNOB, FILTER
17	3-701-506-01	s SET SCREW, DOUBLE POINT 3X4
18	3-708-987-01	s RING, BAYONET (for J, UC)
	3-708-651-01	s RING, BAYONET (for CE)
	7-621-770-87	s SCREW +B 2.6X5
	7-621-772-08	s SCREW +B 2X3
	7-621-775-68	s SCREW +B 2.6X12
	7-627-556-58	s SCREW +P 2.6X5.
	7-682-548-04	s SCREW +B 3X8
	7-627-452-38	s SCREW, PRECISION +K 2X5
	7-627-553-48	s SCREW, PRECISION +P 2X4
	7-623-208-22	s SPRING WASHER 3. TYPE 2

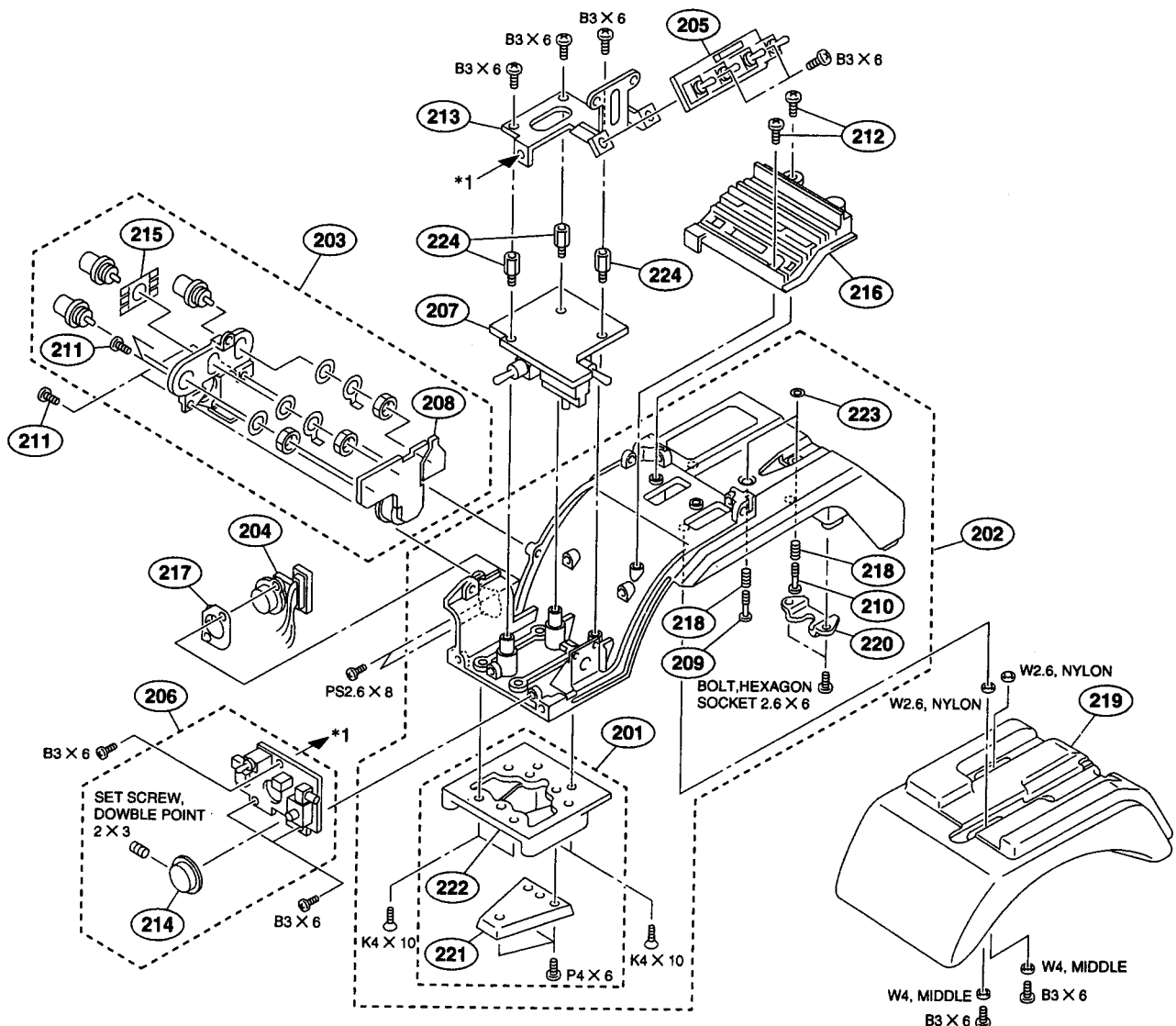
HANDLE BLOCK (1) AND MICROPHONE



No.	Part No.	SP Description
101	A-8278-380-A	s HANDLE ASSY
102	A-8278-420-A	o VF SLIDE ASSY(5)
103	A-8311-118-A	o MOUNTED CIRCUIT BOARD, CN-1195
104	A-8311-134-A	o MOUNTED CIRCUIT BOARD, CN-1294
105	A-8311-136-A	o MOUNTED CIRCUIT BOARD, CN-1349
106	1-542-296-11	o MICROPHONE
107	3-175-715-02	s SCREW, FITTING ADAPTOR
108	3-179-882-01	o SPACER, MICROPHONE
109	3-370-475-21	s SCREW (NYLOCK +B 3X6)
110	3-603-959-01	s NYLOK SCREW +B2.6
111	3-603-960-01	s NYLOK SCREW +B2
112	3-604-363-02	o CHASSIS, TOP
113	3-604-370-01	o PB RAIL, UPPER
114	3-604-387-01	o SPACER, HANDLE
115	3-604-393-01	s COVER, BATTERY
116	3-604-394-01	o FINGER, SHIELD(A)
117	3-604-407-02	o CHASSIS, REAR
118	3-604-408-01	s BOLT, HEXAGON SOCKET(NYLOCK 4X10)
119	3-604-451-01	o FINGER, SHIELD(C)
120	3-673-046-00	s LEVER, LOCK
121	3-679-543-11	o RING(D), LOCK
122	3-679-684-01	o REST, ARM
123	3-679-702-01	o CUSION, STOPPER
124	3-685-694-01	s NYLOCK +PSW M4X12
125	3-685-694-21	s NYLOCK +PSW M4X18

No.	Part No.	SP Description
126	3-686-195-11	o SLIDE BASE, VF
127	3-686-196-02	o RETAINER, VF SHOE
128	3-686-197-01	o ARM, SLIDE
129	3-686-253-03	o HANDLE
130	3-686-254-01	o PLATE, BLIND
131	3-686-261-03	s SHOE3, VF SLIDE
132	3-687-070-01	o WASHER, SHOE
133	3-687-116-01	o WASHER(4), STOPPER
134	3-688-754-11	s SPRING, SHOE
135	3-688-755-11	s SHOE, ACCESSORY
136	3-701-506-01	s SET SCREW, DOUBLE POINT 3X4
137	3-701-508-00	s SET SCREW, DOUBLE POINT 3X6
138	3-709-096-01	o SCREEN, WIND
139	3-711-794-01	o PIN, STOPPER
140	3-720-919-01	o RUBBER, LOCK RING
141	3-849-405-00	s COVER, EARPHONE JACK
142	3-895-622-01	s RING (DIA. 5), O
	7-621-255-35	s SCREW +P 2X5
	7-621-259-45	s SCREW +P 2.6X6
	7-621-772-38	s SCREW +B 2X6
	7-621-773-86	s SCREW +B 2.6X4
	7-682-247-09	s SCREW +K 3X6
	7-682-561-04	s SCREW +B 4X8
	7-683-411-04	s BOLT, HEXAGON SOCKET 3X25
	7-683-421-04	o BOLT, HEXAGON SOCKET 4X12
	7-688-003-02	s WASHER 3, SMALL
	7-688-004-02	o WASHER 4, SMALL

CHASSIS BLOCK (2) AND BOARDS

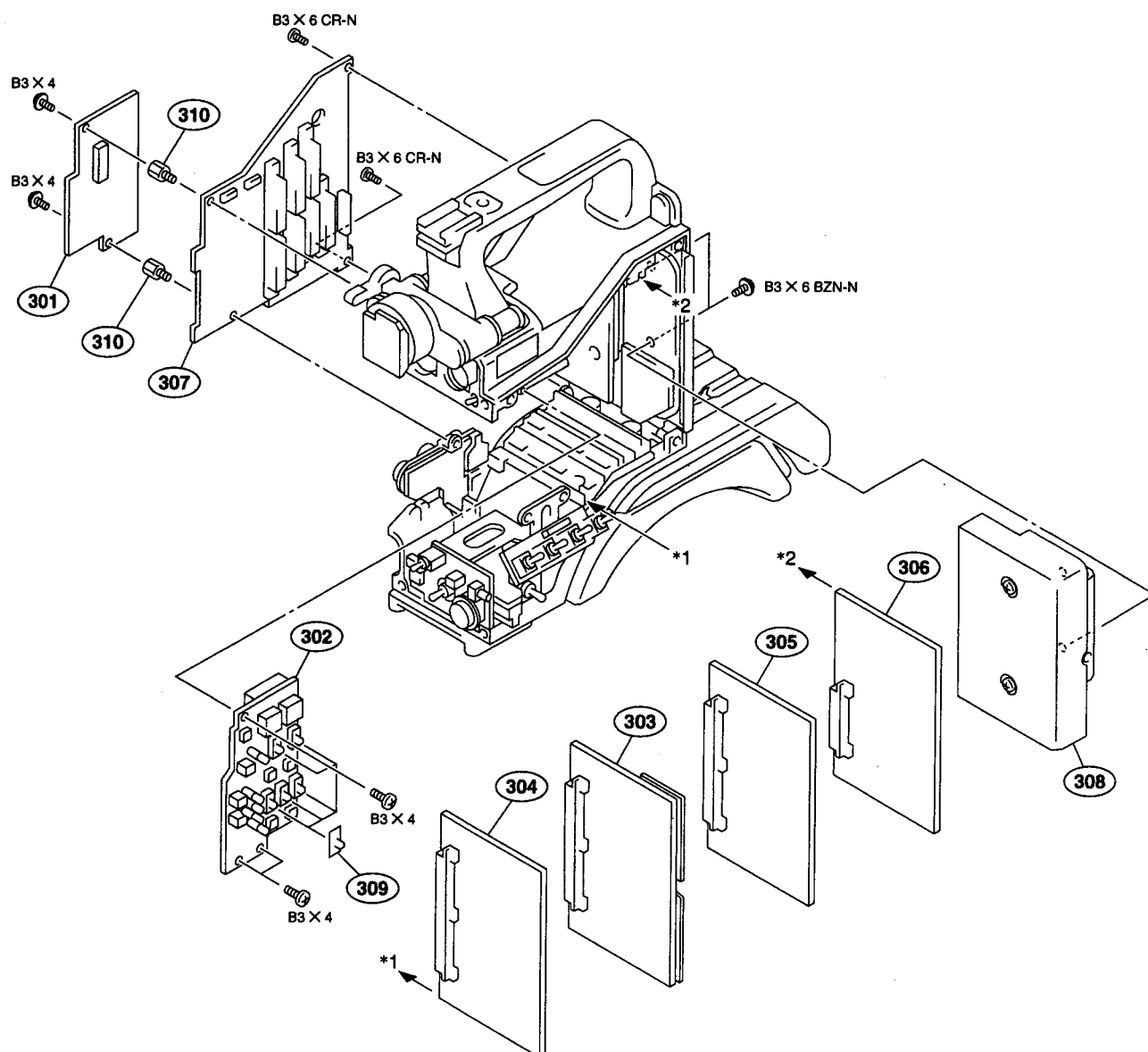


No. Part No. SP Description

201	A-7612-352-E	s V SHOE (A) ASSY
202	A-8278-241-B	o BASE CHASSIS ASSY
203	A-8311-101-A	o MOUNTED CIRCUIT BOARD, CN-1196 (For UC, CE)
	A-8311-155-A	o MOUNTED CIRCUIT BOARD, CN-1196J (For J)
204	A-8311-102-A	o MOUNTED CIRCUIT BOARD, CN-1194
205	A-8311-115-A	o MOUNTED CIRCUIT BOARD, SW-791
206	A-8311-131-A	o MOUNTED CIRCUIT BOARD, SW-792
207	A-8311-132-A	o MOUNTED CIRCUIT BOARD, SW-793
208	1-663-030-11	o PRINTED CIRCUIT BOARD, CN-1410 (For UC, CE)
	1-663-029-11	o PRINTED CIRCUIT BOARD, CN-1409(J) (For J)
209	3-175-715-02	s SCREW, FITTING ADAPTOR
210	3-175-715-31	s SCREW, FITTING ADAPTOR
211	3-178-214-01	s SCREW (M3X6), +B
212	3-370-475-21	s SCREW (NYLOCK +B 3X6)
213	3-604-383-01	o BRACKET, SW
214	3-604-390-01	s KNOB, VR
215	3-604-416-01	o FINGER, SHIELD(CN)

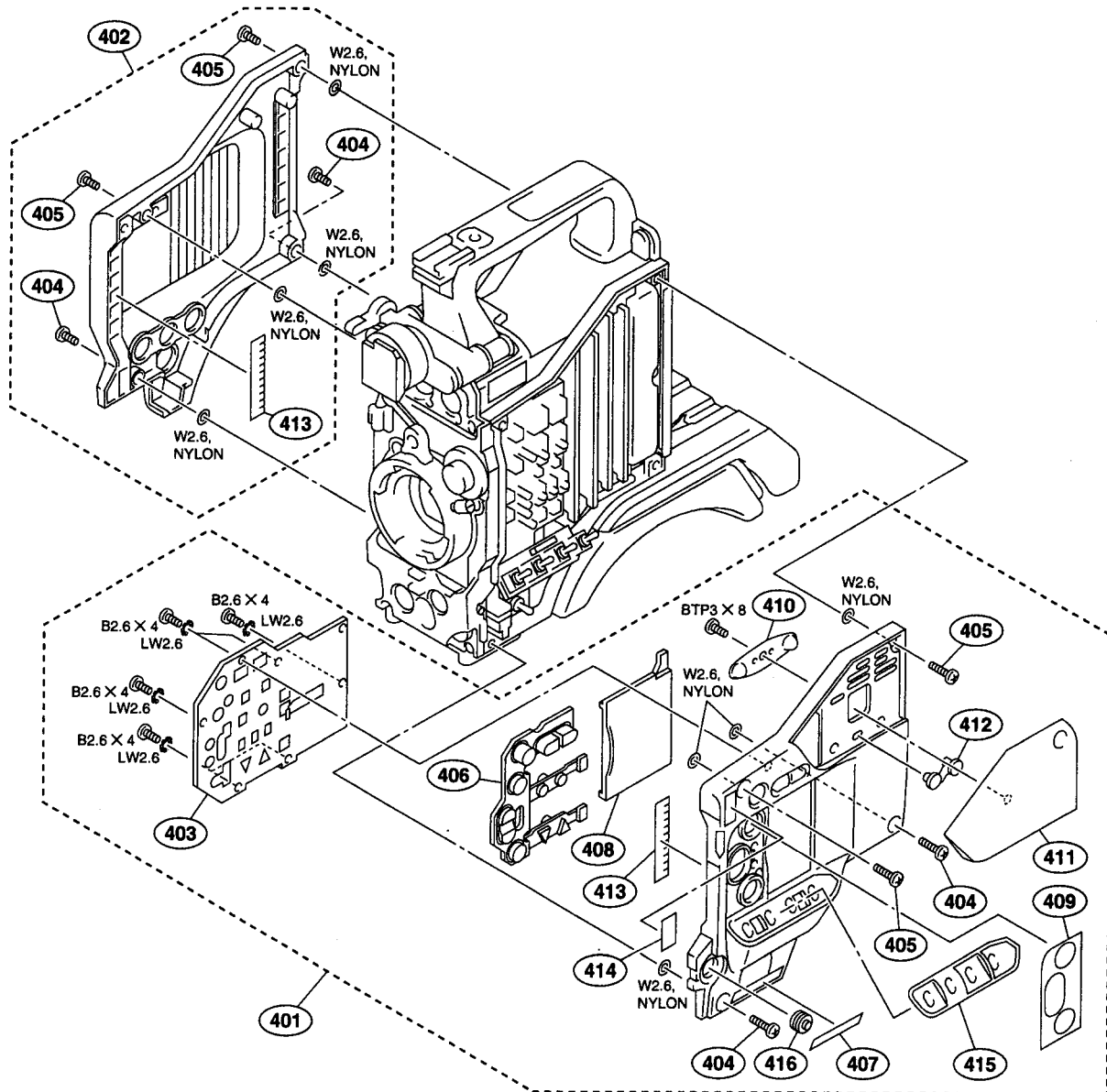
No. Part No. SP Description

216	3-604-437-01	o PB RAIL, LOWER
217	3-687-194-01	o SPRING 2
218	3-694-121-01	s SPRING, COMPRESSION
219	3-694-122-02	s PAD, SHOULDER
220	3-711-703-01	o STOPPER
221	3-716-391-01	o WEDGE, MOUNTING
222	3-729-065-04	s SHOE (A), CAMERA
223	3-892-114-00	s RING (DIA. 3), O
224	4-969-349-01	o BOSS (H)
	7-628-254-20	s SCREW +PS 2.6X8
	7-682-160-09	s SCREW +P 4X6
	7-682-262-09	s SCREW +K 4X10
	7-682-547-04	s SCREW +B 3X6
	7-621-732-09	s SET-SCT HEXAGON 2X3
	7-683-412-05	s BOLT, HEXAGON SOCKET 2.6X6
	7-623-923-11	s WASHER 2.6, NYLON
	7-688-004-12	s WASHER 4, MIDDLE



No.	Part No.	SP Description
301	A-8311-116-A	o MOUNTED CIRCUIT BOARD, AT-110
302	A-8311-119-A	o MOUNTED CIRCUIT BOARD, SW-790
303	A-8311-121-A	o MOUNTED CIRCUIT BOARD, PR-216
304	A-8311-123-A	o MOUNTED CIRCUIT BOARD, VA-169
305	A-8311-125-A	o MOUNTED CIRCUIT BOARD, IF-532
306	A-8311-127-A	o MOUNTED CIRCUIT BOARD, ES-12 (For J,UC)
	A-8311-141-A	o MOUNTED CIRCUIT BOARD, ES-12(P) (For CE)
307	A-8311-129-A	o MOUNTED CIRCUIT BOARD, MB-629
308	1-473-883-11	s CONVERTER UNIT, DC-DC
309	3-604-357-01	o KNOB(L), SW
310	4-969-349-01	o BOSS (H)
	7-682-545-04	s SCREW +B 3X4
	7-682-547-04	s SCREW +B 3X6 CR-N
	7-682-547-09	s SCREW +B 3X6 BZN-N

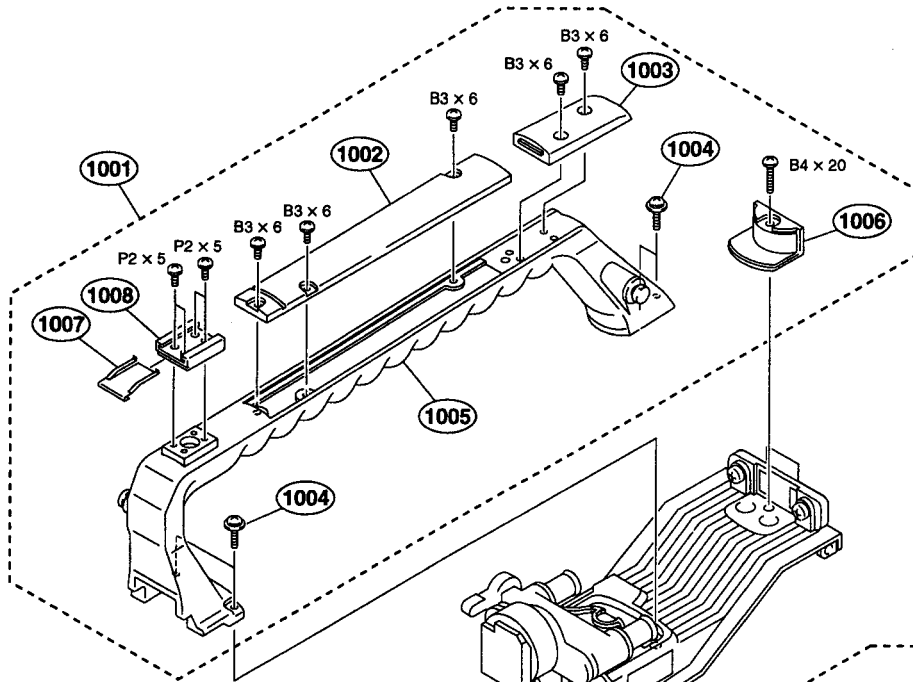
CHASSIS BLOCK (2)



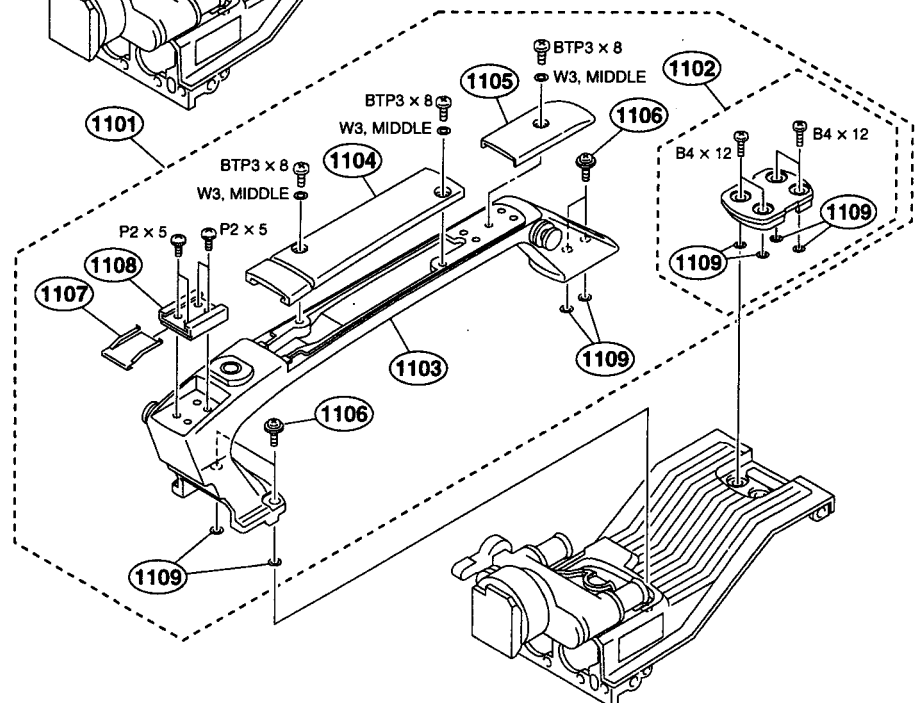
No.	Part No.	SP Description
401	A-8278-395-B	o RIGHT PANEL ASSY (For UC, CE)
	A-8278-398-B	o RIGHT PANEL ASSY(J) (For J)
402	A-8278-396-B	o LEFT PANEL ASSY
403	X-3678-738-1	o PLATE ASSY
404	3-178-214-21	s SCREW (M3X10), +B
405	3-178-214-41	s SCREW (M3X14), +B
406	3-604-366-02	s COVER, SWITCH
407	3-604-371-01	o LABEL, POWER
408	3-604-380-03	s DOOR, SIDE
409	3-604-382-01	o PLATE, ATW-SW
410	3-604-385-02	s SPRING, PAD
411	3-604-386-01	s PAD, SIDE
412	3-604-392-01	s STOPPER
413	3-604-395-01	o FINGER, SHIELD(B)
414	3-604-403-01	o LABEL, FILTER (For UC, CE)
	3-604-404-01	o LABEL, FILTER (For J)
415	3-604-692-01	o PLATE, TOGGLE
416	3-676-244-00	s COVER, SWITCH

Part No.	SP Description
7-621-773-86	s SCREW +B 2.6X4
7-685-546-19	s SCREW +BTP 3X8 TYPE2 N-S
7-623-307-01	s LW 2.6, TYPE (A)
7-623-923-11	s WASHER 2.6, NYLON

PVW-D30 / D30P



DSR-130 / 130P



PVW-D30

No.	Part No.	SP Description
1001	A-8311-272-A	s HANDLE ASSY (for PVW-D30/D30P)
1002	3-679-035-01	o LID, HANDLE
1003	3-679-036-01	o LID, HANDLE (2)
1004	3-685-694-01	s NYLOCK +PSW M4
1005	3-686-381-04	o HANDLE, (PVW)
1006	3-686-382-01	s PLATE, BLIND
1007	3-688-754-11	o SPRING, SHOE
1008	3-688-755-12	o SHOE, ACCESSORY

DSR-130

No.	Part No.	SP Description
1101	A-8311-936-A	s HANDLE ASSY (for DSR-130/130P)
1102	A-8278-419-A	s JOINT PLATE ASSY
1103	3-604-743-01	o HANDLE (DSR)
1104	3-604-744-01	o LID, HANDLE (1)
1105	3-604-745-01	o LID, HANDLE (2)
1106	3-604-746-01	s NYLOCK +PWH 4X12
1107	3-688-754-11	o SPRING, SHOE
1108	3-688-755-12	o SHOE, ACCESSORY
1109	3-687-116-01	o WASHER, 4 STOPPER
	7-621-255-35	s SCREW, +P 2X5
	7-682-547-09	s SCREW, +B 3X6
	7-682-563-09	s SCREW, +B 4X12
	7-682-566-09	s SCREW, +B 4X20
	7-685-546-19	s SCREW, +BTP 3X8
	7-688-003-12	s WASHER, 3 MIDDLE

7-3. ELECTRICAL PARTS LIST

AT-110 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8311-116-A	o MOUNTED CIRCUIT BOARD, AT-110
C101	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C102	1-113-642-11	s TANTALUM 47uF 20% 10V
C103	1-113-642-11	s TANTALUM 47uF 20% 10V
C104	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C105	1-162-964-11	s CERAMIC 0.001uF 10% 50V
C106	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C107	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C109	1-107-689-21	s TANTALUM 1uF 20% 35V
C110	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C111	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C112	1-113-642-11	s TANTALUM 47uF 20% 10V
C113	1-113-642-11	s TANTALUM 47uF 20% 10V
C114	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C115	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C116	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C117	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C118	1-164-156-11	s CERAMIC 0.1uF 25V
C119	1-164-156-11	s CERAMIC 0.1uF 25V
C120	1-164-156-11	s CERAMIC 0.1uF 25V
C121	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C122	1-164-156-11	s CERAMIC 0.1uF 25V
C123	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C124	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C125	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C126	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C127	1-162-964-11	s CERAMIC 0.001uF 10% 50V
C128	1-162-964-11	s CERAMIC 0.001uF 10% 50V
C129	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C130	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C131	1-113-642-11	s TANTALUM 47uF 20% 10V
C132	1-162-964-11	s CERAMIC 0.001uF 10% 50V
CN101	1-770-451-21	o CONNECTOR, BOARD TO BOARD 70P
CN1102	1-251-496-21	o SOCKET, IC
D101	8-719-421-69	s DIODE MA133
D102	8-719-975-40	s DIODE RB411D
D103	8-719-421-69	s DIODE MA133
IC101	8-759-421-83	s IC HD6437034SC81F
IC102	8-759-441-72	s IC MSM27C822-DXCD30V100
IC103	8-752-371-38	s IC CXK58257BTM-70LL-T6
IC104	8-752-371-38	s IC CXK58257BTM-70LL-T6
IC106	8-759-940-45	s IC S-8054HN-CB
IC109	8-759-182-95	s IC HD151015T
IC110	8-759-196-96	s IC TC7SH08FU-TE85R
IC111	8-759-082-57	s IC TC7W04FU
IC112	8-759-252-59	s IC MAX202CSE
IC113	8-759-082-61	s IC TC4W53FU
IC114	8-759-082-61	s IC TC4W53FU
L101	1-412-955-11	s INDUCTOR 22uH
L102	1-412-943-11	s INDUCTOR 2.2uH
L104	1-412-955-11	s INDUCTOR 22uH
L105	1-412-955-11	s INDUCTOR 22uH

(AT-110 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
Q101	8-729-402-19	s TRANSISTOR XN6501
Q102	8-729-402-19	s TRANSISTOR XN6501
R110	1-218-692-11	s METAL, CHIP 1K 0.50% 1/16W
R111	1-218-668-11	s METAL 100 0.50% 1/16W
R112	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R113	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R114	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R115	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R116	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R118	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R121	1-218-740-11	s METAL 100K 0.50% 1/16W
R122	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R125	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R126	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R131	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R132	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R134	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R135	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R136	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R137	1-216-797-11	s METAL, CHIP 10 5% 1/16W
R138	1-216-797-11	s METAL, CHIP 10 5% 1/16W
R139	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R140	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R141	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R142	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R143	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R144	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R145	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R146	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R147	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R148	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R149	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R150	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R151	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R152	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R153	1-218-692-11	s METAL, CHIP 1K 0.50% 1/16W
R154	1-218-668-11	s METAL 100 0.50% 1/16W
R163	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R164	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R166	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
RB101	1-239-309-11	s RESISTOR BLOCK, CHIP 100K
RB102	1-239-426-11	s RESISTOR BLOCK, CHIP 2.2KX4
RB103	1-239-412-11	s RESISTOR BLOCK, CHIP 100
RB104	1-239-428-11	s NETWORK RESISTOR (CHIP) 3.3K
RB105	1-239-309-11	s RESISTOR BLOCK, CHIP 100K
RB106	1-239-309-11	s RESISTOR BLOCK, CHIP 100K
RB107	1-236-904-11	s RESISTOR, BLOCK CHIP 1K
RB108	1-236-907-11	s RESISTOR BLOCK, CHIP 100KX4
X1	1-760-273-11	s VIBRATOR, CRYSTAL

BP-30 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-565-977-11	s CONTACT, FEMALE AWG 28-32
1pc	1-569-679-11	o CONTACT, FEMALE
1pc	1-569-680-11	o HOUSING, CONNECTOR 2P
1pc	1-663-024-11	o PRINTED CIRCUIT BOARD, BP-30
BT701	1-550-414-31	s HOLDER, BATTERY

CN-1194 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8311-102-A	o MOUNTED CIRCUIT BOARD, CN-1194
1pc	1-565-977-11	s CONTACT, FEMALE AWG 28-32
1pc	1-569-679-11	o CONTACT, FEMALE
C401	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V
C402	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V
C403	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V
C404	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V
C405	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V
C406	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V
C407	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V
C408	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V
C409	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V
C410	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V
CN401	1-562-221-31	s RECEPTACLE, CONNECTOR 12P
W401	1-956-517-11	o HARNESS, SUB (CN1194)

CN-1195 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8311-118-A	o MOUNTED CIRCUIT BOARD, CN-1195
C501	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C502	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C503	1-126-219-11	s ELECT 3.3uF 20% 63V
C504	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V
C505	1-126-219-11	s ELECT 3.3uF 20% 63V
C506	1-126-219-11	s ELECT 3.3uF 20% 63V
C507	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V
C508	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V
C509	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C510	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C513	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V
C514	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V
C515	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V
C516	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V
C517	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V
C518	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V
C519	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C520	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V
C521	1-163-275-11	s CERAMIC 0.001uF 5% 50V
C529	1-128-528-11	s ELECT 470uF 20% 25V
C530	1-107-877-11	s ELECT 1000uF 20% 10V
C531	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V
C532	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V
CN501	1-565-249-11	o SOCKET, 20P
CN502	1-568-006-11	s CONNECTOR, XLR 3P, FEMALE
CN503	1-506-491-11	s CONNECTOR, 12P, MALE
CN506	1-691-550-11	s PIN, CONNECTOR 3P
D501	8-719-800-76	s DIODE 1SS226
D502	8-719-800-76	s DIODE 1SS226
FB502	1-412-978-21	s INDUCTOR 0.82uH
FB503	1-412-978-21	s INDUCTOR 0.82uH
FB504	1-412-978-21	s INDUCTOR 0.82uH
FB505	1-414-135-11	s INDUCTOR CHIP 0uH
FB506	1-414-135-11	s INDUCTOR CHIP 0uH
FB507	1-414-445-11	s INDUCTOR CHIP 0uH
FB508	1-414-135-11	s INDUCTOR CHIP 0uH
FL501	1-239-077-11	s FILTER, EMI
IC501	8-759-700-09	s IC NJM2043M-D
IC502	8-759-049-58	s IC SN74HC04APW-E05
IC503	8-759-050-94	s IC SN74HC165APW-E05
IC504	8-759-234-20	s IC TC7S08F
L503	1-412-955-11	s INDUCTOR 22uH
Q501	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q502	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q503	8-729-216-22	s TRANSISTOR 2SA1162
R501	1-216-069-00	s METAL, CHIP 6.8K 5% 1/10W
R502	1-216-069-00	s METAL, CHIP 6.8K 5% 1/10W
R503	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R504	1-208-806-11	s METAL, CHIP 10K 0.50% 1/10W
R505	1-208-806-11	s METAL, CHIP 10K 0.50% 1/10W
R506	1-216-655-11	s METAL, CHIP 1.5K 0.5% 1/10W
R507	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R508	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R509	1-216-295-91	s METAL, CHIP 0 5% 1/10W

(CN-1195 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R510	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R513	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R514	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R515	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R516	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R517	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R518	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R520	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R521	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R522	1-208-806-11	s METAL, CHIP 10K 0.50% 1/10W
R523	1-208-806-11	s METAL, CHIP 10K 0.50% 1/10W
R524	1-208-806-11	s METAL, CHIP 10K 0.50% 1/10W
R525	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R526	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R527	1-216-097-91	s METAL 100K 5% 1/10W
R528	1-216-097-91	s METAL 100K 5% 1/10W
R530	1-216-688-11	s METAL, CHIP 36K 0.5% 1/10W
R531	1-216-688-11	s METAL, CHIP 36K 0.5% 1/10W
R532	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R533	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R534	1-216-025-91	s METAL 100 5% 1/10W
R536	1-216-097-91	s METAL 100K 5% 1/10W
R537	1-216-097-91	s METAL 100K 5% 1/10W
R538	1-216-097-91	s METAL 100K 5% 1/10W
R539	1-216-097-91	s METAL 100K 5% 1/10W
R540	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R541	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R542	1-208-806-11	s METAL, CHIP 10K 0.50% 1/10W
S501	1-762-827-11	s SWITCH, TOGGLE

CN-1196 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8311-101-A	o MOUNTED CIRCUIT BOARD, CN-1196
	* CN-1410 BOARD is included. [for UC, CE]	
1pc	A-8311-155-A	o MOUNTED CIRCUIT BOARD, CN-1196J
	* CN-1409(J) BOARD is included. [For J]	
3pcs	1-565-977-11	s CONTACT, FEMALE AWG 28-32
1pc	1-565-978-11	o HOUSING, 6P
3pcs	1-569-679-11	o CONTACT, FEMALE
1pc	1-569-680-11	o HOUSING, CONNECTOR 2P
1pc	3-604-416-01	o SHIELD FINGER(CN)
2pcs	7-621-770-87	s SCREW +B 2.6X5
C602	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C603	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C604	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C605	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C606	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V
C608	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C609	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C610	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C611	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
CN601	1-565-443-11	o CONNECTOR, 10P FEMALE
CN602	1-562-382-31	s CONNECTOR, BNC
CN603	1-561-320-41	s DIN SOCKET 8P
FB601	1-414-445-11	s INDUCTOR CHIP 0uH
FB602	1-414-445-11	s INDUCTOR CHIP 0uH
FB603	1-414-445-11	s INDUCTOR CHIP 0uH
FB604	1-414-445-11	s INDUCTOR CHIP 0uH
FB605	1-414-445-11	s INDUCTOR CHIP 0uH
FB606	1-414-445-11	s INDUCTOR CHIP 0uH
FB607	1-414-445-11	s INDUCTOR CHIP 0uH
FB608	1-414-445-11	s INDUCTOR CHIP 0uH
FB609	1-414-445-11	s INDUCTOR CHIP 0uH
FL601	1-239-077-11	s FILTER, EMI
R601	1-216-295-91	s METAL, CHIP 0 5% 1/10W
W601	1-956-528-11	o HARNESS, SUB (CN1196-1)
W602	1-956-519-11	o HARNESS, SUB (CN1196-2)
W603	1-956-526-11	o HARNESS, SUB (LCD)

CN-1294 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8311-134-A	o MOUNTED CIRCUIT BOARD, CN-1294
C801	1-163-038-91	s CERAMIC 0.1uF 25V
C802	1-163-038-91	s CERAMIC 0.1uF 25V
C803	1-110-569-11	s TANTALUM 47uF 20% 6.3V
C804	1-163-038-91	s CERAMIC 0.1uF 25V
C805	1-163-038-91	s CERAMIC 0.1uF 25V
C806	1-163-038-91	s CERAMIC 0.1uF 25V
CN801	1-778-658-11	o CONNECTOR, BOARD TO BOARD
CN802	1-573-120-11	s CONNECTOR, MULTI 50P
CN803	1-778-659-11	o PIN, CONNECTOR 3P
CN804	1-580-055-21	s PIN, CONNECTOR 2P
FB801	1-543-775-11	s FILTER, EMI
FL801	1-236-164-11	s ENCAPSULATED COMPONENT
IC801	8-759-196-93	s IC TC7SH00FU-TE85R
IC802	8-759-080-06	s IC TC74VHC574FS(EL)
IC803	8-759-080-06	s IC TC74VHC574FS(EL)
L801	1-412-963-11	s INDUCTOR 100uH
R801	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R802	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
RB801	1-239-409-11	s NETWORK, RESISTOR (CHIP TYPE)
RB802	1-239-409-11	s NETWORK, RESISTOR (CHIP TYPE)
RB803	1-239-409-11	s NETWORK, RESISTOR (CHIP TYPE)
RB804	1-239-306-11	s RESISTOR BLOCK, CHIP 10KX8
RB805	1-239-306-11	s RESISTOR BLOCK, CHIP 10KX8

CN-1349 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8311-136-A	o MOUNTED CIRCUIT BOARD, CN-1349
1pc	1-500-032-11	s BEAD, FERRITE
1pc	1-565-977-11	s CONTACT, FEMALE AWG 28-32
1pc	1-569-618-11	o HOUSING, CONNECTOR 3P
1pc	1-569-679-11	o CONTACT, FEMALE
C801	1-163-009-11	s CERAMIC, CHIP 0.001uF 10% 50V
C802	1-163-009-11	s CERAMIC, CHIP 0.001uF 10% 50V
CN801	1-507-980-41	s JACK
W801	1-956-518-11	o HARNESS, SUB (REMOTE)

CN-1409(J) BOARD :For J

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-663-029-11	o PRINTED CIRCUIT BOARD, CN-1409(J) [for J]
CN604	1-507-858-31	s JACK, PIN 1P

CN-1410 BOARD :For UC, CE

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-663-030-11	o PRINTED CIRCUIT BOARD, CN-1410 [for UC, CE]
CN604	1-562-382-31	s CONNECTOR, BNC

DUS-28 BOARD :For J, UC

Ref. No. or Q'ty	Part No.	SP Description
C1	1-164-156-11	s CERAMIC 0.1uF 25V
IC1	8-759-926-24	s IC SN74HC164ANS
IC2	8-759-195-02	s IC TC7S86F-TE85L
IC3	8-759-058-54	s IC TC7S00FU(TE85R)
IC4	8-759-196-97	s IC TC7SH32FU-TE85R
IC5	8-759-196-93	s IC TC7SH00FU-TE85R
IC6	8-759-058-62	s IC TC7S08FU(TE85R)

DUS-29 BOARD :For CE

Ref. No. or Q'ty	Part No.	SP Description
C1	1-164-156-11	s CERAMIC 0.1uF 25V
IC1	8-759-926-24	s IC SN74HC164ANS
IC2	8-759-195-81	s IC TC7S86FU
IC3	8-759-058-57	s IC TC7S04FU-TE85L
IC4	8-759-196-97	s IC TC7SH32FU-TE85R
IC5	8-759-196-93	s IC TC7SH00FU-TE85R
IC6	8-759-049-60	s IC SN74HC08APW-E05
R2	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R3	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R4	1-218-732-11	s METAL 47K 0.50% 1/16W

ES-12/12(P) BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8311-127-A	o MOUNTED CIRCUIT BOARD, ES-12 [for J,UC]
1pc	A-8311-141-A	o MOUNTED CIRCUIT BOARD, ES-12(P) [for CE]
2pcs	3-729-061-01	s SCREW (M2X4.5) (TYPE 1)
C501	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C502	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C503	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C504	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C505	1-115-154-21	s ELECT 10uF 20% 16V
C506	1-115-154-21	s ELECT 10uF 20% 16V
C507	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C508	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C509	1-162-917-11	s CERAMIC, CHIP 15PF 5% 50V
C510	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C512	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C513	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V [for CE]
C514	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C515	1-135-149-21	s TANTALUM, CHIP 2.2uF 10% 10V
C516	1-164-156-11	s CERAMIC 0.1uF 25V
C517	1-164-156-11	s CERAMIC 0.1uF 25V
C518	1-135-177-21	s TANTALUM, CHIP 1uF 10% 25V
C520	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C521	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C522	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C523	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C524	1-104-913-11	s TANTALUM, CHIP 10uF 20% 16V
C525	1-164-156-11	s CERAMIC 0.1uF 25V
C526	1-115-154-21	s ELECT 10uF 20% 16V
C527	1-126-393-11	s ELECT 33uF 20% 10V
C528	1-162-925-11	s CERAMIC, CHIP 68PF 5% 50V [for J,UC]
C528	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V [for CE]
C529	1-135-145-11	s TANTALUM, CHIP 0.47uF 10% 35V
C530	1-162-922-11	s CERAMIC, CHIP 39PF 5% 50V
C531	1-164-156-11	s CERAMIC 0.1uF 25V
C532	1-164-156-11	s CERAMIC 0.1uF 25V
C533	1-135-210-11	s TANTALUM 4.7uF 10% 10V
C534	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C535	1-164-156-11	s CERAMIC 0.1uF 25V
C536	1-164-156-11	s CERAMIC 0.1uF 25V
C537	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C538	1-164-156-11	s CERAMIC 0.1uF 25V
C539	1-135-210-11	s TANTALUM 4.7uF 10% 10V
C540	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C541	1-104-852-11	s TANTALUM, CHIP 22uF 20% 10V
C542	1-164-156-11	s CERAMIC 0.1uF 25V
C543	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C544	1-164-156-11	s CERAMIC 0.1uF 25V
C545	1-162-907-11	s CERAMIC, CHIP 2PF 50V
C546	1-164-156-11	s CERAMIC 0.1uF 25V
C547	1-104-913-11	s TANTALUM, CHIP 10uF 20% 16V
C548	1-126-393-11	s ELECT 33uF 20% 10V
C549	1-162-909-11	s CERAMIC 4PF 0.25PF 50V
C550	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C551	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C552	1-162-909-11	s CERAMIC 4PF 0.25PF 50V
C553	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V

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Ref. No. or Q'ty	Part No.	SP Description
C554	1-162-910-11	s CERAMIC 5PF 0.25PF 50V
C555	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C556	1-162-917-11	s CERAMIC, CHIP 15PF 5% 50V
C557	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C558	1-104-914-11	s TANTALUM 22uF 20% 16V
C559	1-164-156-11	s CERAMIC 0.1uF 25V
C560	1-164-156-11	s CERAMIC 0.1uF 25V
C561	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C562	1-107-689-21	s TANTALUM 1uF 20% 35V
C563	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C564	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C565	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C566	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C567	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C568	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C569	1-164-156-11	s CERAMIC 0.1uF 25V
C570	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C571	1-164-156-11	s CERAMIC 0.1uF 25V
C573	1-164-156-11	s CERAMIC 0.1uF 25V
C576	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C577	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V [for J,UC]
C577	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V [for CE]
C578	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V [for CE]
C579	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C580	1-164-156-11	s CERAMIC 0.1uF 25V
C581	1-164-156-11	s CERAMIC 0.1uF 25V
C582	1-162-917-11	s CERAMIC, CHIP 15PF 5% 50V
C583	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C584	1-113-981-11	s TANTALUM 22uF 20% 20V
C585	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C586	1-164-156-11	s CERAMIC 0.1uF 25V
C587	1-104-913-11	s TANTALUM, CHIP 10uF 20% 16V
C588	1-164-156-11	s CERAMIC 0.1uF 25V
C589	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C590	1-164-156-11	s CERAMIC 0.1uF 25V
C591	1-164-156-11	s CERAMIC 0.1uF 25V
C592	1-104-913-11	s TANTALUM, CHIP 10uF 20% 16V
C593	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C594	1-164-156-11	s CERAMIC 0.1uF 25V
C595	1-164-363-11	s CERAMIC 560PF 5% 50V
C596	1-104-913-11	s TANTALUM, CHIP 10uF 20% 16V
C597	1-164-156-11	s CERAMIC 0.1uF 25V
C598	1-164-156-11	s CERAMIC 0.1uF 25V
C599	1-164-156-11	s CERAMIC 0.1uF 25V
C600	1-164-156-11	s CERAMIC 0.1uF 25V
C601	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V [for J,UC]
C601	1-162-918-11	s CERAMIC, CHIP 18PF 5% 50V [for CE]
C602	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C603	1-164-156-11	s CERAMIC 0.1uF 25V
C604	1-164-156-11	s CERAMIC 0.1uF 25V
C605	1-164-156-11	s CERAMIC 0.1uF 25V
C606	1-164-156-11	s CERAMIC 0.1uF 25V
C607	1-164-156-11	s CERAMIC 0.1uF 25V
C608	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C609	1-104-823-11	s TANTALUM, CHIP 47uF 20% 16V
C610	1-164-156-11	s CERAMIC 0.1uF 25V
C611	1-164-156-11	s CERAMIC 0.1uF 25V

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Ref. No. or Q'ty	Part No.	SP Description
C612	1-104-851-11 s	TANTALUM, CHIP 10uF 20% 10V
C613	1-104-851-11 s	TANTALUM, CHIP 10uF 20% 10V
C614	1-104-823-11 s	TANTALUM, CHIP 47uF 20% 16V
C615	1-104-823-11 s	TANTALUM, CHIP 47uF 20% 16V
C616	1-164-156-11 s	CERAMIC 0.1uF 25V
C617	1-164-156-11 s	CERAMIC 0.1uF 25V
C618	1-162-921-11 s	CERAMIC, CHIP 33PF 5% 50V
C619	1-164-156-11 s	CERAMIC 0.1uF 25V
C620	1-162-921-11 s	CERAMIC, CHIP 33PF 5% 50V
C621	1-104-851-11 s	TANTALUM, CHIP 10uF 20% 10V
C622	1-104-851-11 s	TANTALUM, CHIP 10uF 20% 10V
C623	1-162-921-11 s	CERAMIC, CHIP 33PF 5% 50V
C624	1-162-921-11 s	CERAMIC, CHIP 33PF 5% 50V
C626	1-135-145-11 s	TANTALUM, CHIP 0.47uF 10% 35V
C627	1-104-851-11 s	TANTALUM, CHIP 10uF 20% 10V
C628	1-162-921-11 s	CERAMIC, CHIP 33PF 5% 50V
C629	1-162-921-11 s	CERAMIC, CHIP 33PF 5% 50V
C630	1-162-927-11 s	CERAMIC, CHIP 100PF 5% 50V
C631	1-135-145-11 s	TANTALUM, CHIP 0.47uF 10% 35V
C632	1-104-851-11 s	TANTALUM, CHIP 10uF 20% 10V
C633	1-126-393-11 s	ELECT 33uF 20% 10V
C634	1-164-156-11 s	CERAMIC 0.1uF 25V
C635	1-164-156-11 s	CERAMIC 0.1uF 25V
C636	1-126-391-11 s	ELECT, CHIP 47uF 20% 6.3V
C637	1-104-913-11 s	TANTALUM, CHIP 10uF 20% 16V [for CE]
C638	1-162-970-11 s	CERAMIC, CHIP 0.01uF 10% 25V
C639	1-162-970-11 s	CERAMIC, CHIP 0.01uF 10% 25V
C641	1-104-913-11 s	TANTALUM, CHIP 10uF 20% 16V
C642	1-164-156-11 s	CERAMIC 0.1uF 25V
C643	1-126-393-11 s	ELECT 33uF 20% 10V
C644	1-162-909-11 s	CERAMIC 4PF 0.25PF 50V
C645	1-104-851-11 s	TANTALUM, CHIP 10uF 20% 10V
C646	1-162-927-11 s	CERAMIC, CHIP 100PF 5% 50V
C647	1-162-924-11 s	CERAMIC 56PF 5% 50V [for J,UC]
C647	1-162-927-11 s	CERAMIC, CHIP 100PF 5% 50V [for CE]
C648	1-162-923-11 s	CERAMIC, CHIP 47PF 5% 50V
CN501	1-695-453-11 s	CONNECTOR, BOARD TO BOARD 50P
CP501	1-760-267-11 s	VCO, CRYSTAL 14.3818MHz [for J,UC]
CP501	1-760-269-11 s	OSCILLATOR, CRYSTAL 17.734475MHz [for CE]
D501	8-719-059-51 s	DIODE MA3J142EOLSO
D502	8-719-059-51 s	DIODE MA3J142EOLSO
D503	8-719-059-51 s	DIODE MA3J142EOLSO
D504	8-719-059-52 s	DIODE MA3J143OOLSO
D505	8-719-029-63 s	DIODE RD4.3UH-T1
D506	8-719-029-63 s	DIODE RD4.3UH-T1
D507	8-719-029-63 s	DIODE RD4.3UH-T1
D508	8-719-029-57 s	DIODE RD2.4UH-T1
DL501	1-415-761-21 s	DELAY LINE, LC
DL502	1-415-760-21 s	DELAY LINE, LC
DL503	1-411-271-21 s	DELAY LINE
DL504	1-411-272-21 s	DELAY LINE
FL501	1-233-342-11 s	FILTER, TRAP
FL502	1-402-647-11 s	DELAY LINE (90°) (NTSC) [for J,UC]
FL502	1-402-646-21 s	DELAY LINE (90°) (PAL) [for CE]

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Ref. No. or Q'ty	Part No.	SP Description
FL503	1-233-737-11 s	FILTER, BAND PASS [for J,UC]
FL503	1-233-738-11 s	FILTER, BAND PASS [for CE]
IC501	8-759-234-77 s	IC TC4S66F
IC502	8-759-234-77 s	IC TC4S66F
IC503	8-759-066-61 s	IC TC4053BFS
IC504	8-759-066-61 s	IC TC4053BFS
IC505	8-759-049-58 s	IC SN74HC04APW-E05
IC507	8-752-039-49 s	IC CXA1393AN
IC508	8-759-258-43 s	IC LT1253CS8-E2
IC509	8-759-101-12 s	IC UPC311G2
IC510	8-759-086-41 s	IC X24C02S-3.0
IC511	8-759-635-27 s	IC M62352GP
IC512	8-759-059-50 s	IC MB88351PFV
IC513	8-759-031-84 s	IC SC7S04F
IC514	8-759-082-61 s	IC TC4W53FU
IC515	8-752-335-47 s	IC CXD1216M
IC516	8-759-234-77 s	IC TC4S66F
IC517	8-759-510-71 s	IC BA10358F-E2
IC518	8-759-082-61 s	IC TC4W53FU
IC519	8-759-234-20 s	IC TC7S08F [for CE]
IC520	8-759-031-84 s	IC SC7S04F
IC521	8-759-049-96 s	IC SN74HC32APW-E20
IC522	8-759-234-20 s	IC TC7S08F
IC523	8-759-031-84 s	IC SC7S04F [for CE]
IC524	8-752-341-58 s	IC CXD1217Q
IC525	8-759-209-57 s	IC TC4S69F
IC526	8-759-209-57 s	IC TC4S69F [for CE]
IC527	8-759-209-57 s	IC TC4S69F
IC528	8-759-195-02 s	IC TC7S86F-TE85L
IC529	8-759-510-71 s	IC BA10358F-E2
IC530	8-759-902-88 s	IC SN74LS123NS
IC531	8-759-082-61 s	IC TC4W53FU
IC532	8-759-180-08 s	IC TC74HC4538AFS
IC533	8-759-112-66 s	IC UPC812G2
IC534	8-759-049-55 s	IC SN74HC00APW-E20
IC535	8-759-185-42 s	IC LM4040AIM3-2.5
IC536	8-759-076-06 s	IC TL064CPW
IC537	8-759-082-61 s	IC TC4W53FU
IC538	8-759-082-61 s	IC TC4W53FU
IC539	8-759-906-59 s	IC CX22017
IC540	8-759-195-02 s	IC TC7S86F-TE85L [for CE]
IC541	8-759-082-61 s	IC TC4W53FU
L501	1-412-955-11 s	INDUCTOR 22uH
L502	1-412-955-11 s	INDUCTOR 22uH
L503	1-412-955-11 s	INDUCTOR 22uH
L504	1-412-955-11 s	INDUCTOR 22uH
L505	1-412-957-11 s	INDUCTOR 33uH
L506	1-412-959-11 s	INDUCTOR 47uH
L507	1-412-955-11 s	INDUCTOR 22uH
L508	1-412-955-11 s	INDUCTOR 22uH
L509	1-412-955-11 s	INDUCTOR 22uH
L510	1-412-955-11 s	INDUCTOR 22uH
L511	1-410-656-11 s	INDUCTOR CHIP 150uH [for J,UC]
L511	1-410-393-11 s	INDUCTOR CHIP 100uH [for CE]
L512	1-412-959-11 s	INDUCTOR 47uH
L513	1-412-959-11 s	INDUCTOR 47uH
L514	1-412-959-11 s	INDUCTOR 47uH
L515	1-412-955-11 s	INDUCTOR 22uH

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Ref. No. or Q'ty	Part No.	SP Description
L516	1-412-955-11	s INDUCTOR 22uH
L517	1-412-959-11	s INDUCTOR 47uH
L518	1-412-280-31	s INDUCTOR 330uH
L519	1-412-280-31	s INDUCTOR 330uH
L520	1-412-959-11	s INDUCTOR 47uH
L521	1-412-959-11	s INDUCTOR 47uH
L522	1-412-959-11	s INDUCTOR 47uH
Q501	8-729-402-84	s TRANSISTOR XN4601
Q502	8-729-117-32	s TRANSISTOR 2SC4177
Q503	8-729-403-29	s TRANSISTOR XN6435
Q504	8-729-402-19	s TRANSISTOR XN6501
Q505	8-729-117-32	s TRANSISTOR 2SC4177
Q506	8-729-403-29	s TRANSISTOR XN6435
Q507	8-729-117-32	s TRANSISTOR 2SC4177
Q508	8-729-403-29	s TRANSISTOR XN6534
Q509	8-729-403-29	s TRANSISTOR XN6435
Q510	8-729-402-84	s TRANSISTOR XN4601
Q511	8-729-403-32	s TRANSISTOR XN6534
Q512	8-729-117-32	s TRANSISTOR 2SC4177
Q513	8-729-403-29	s TRANSISTOR XN6435
Q514	8-729-403-29	s TRANSISTOR XN6435
Q515	8-729-402-84	s TRANSISTOR XN4601
Q516	8-729-402-84	s TRANSISTOR XN4601
Q517	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR
Q518	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR
Q519	8-729-402-19	s TRANSISTOR XN6501
Q520	8-729-403-29	s TRANSISTOR XN6435
Q521	8-729-402-84	s TRANSISTOR XN4601
Q522	8-729-141-53	s TRANSISTOR 2SK94-X2X3X4
Q523	8-729-905-38	s TRANSISTOR 2SC4081T106R
Q524	8-729-403-29	s TRANSISTOR XN6435
Q525	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR
Q526	8-729-402-84	s TRANSISTOR XN4601
Q527	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR
Q528	8-729-402-19	s TRANSISTOR XN6501
Q529	8-729-122-63	s TRANSISTOR 2SA1226
Q530	8-729-402-19	s TRANSISTOR XN6501
Q531	8-729-402-78	s TRANSISTOR XN6401
Q532	8-729-402-19	s TRANSISTOR XN6501
Q533	8-729-905-38	s TRANSISTOR 2SC4081T106R
Q534	8-729-402-19	s TRANSISTOR XN6501
Q535	8-729-403-29	s TRANSISTOR XN6435
Q536	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR
Q537	8-729-402-84	s TRANSISTOR XN4601 [for J, UC]
Q538	8-729-402-84	s TRANSISTOR XN4601
Q539	8-729-905-38	s TRANSISTOR 2SC4081T106R
Q540	8-729-402-84	s TRANSISTOR XN4601
Q541	8-729-101-07	s TRANSISTOR 2SB798
Q542	8-729-101-07	s TRANSISTOR 2SB798
Q543	8-729-807-51	s TRANSISTOR 2SD1623-S
Q544	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR
Q545	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR
Q546	8-729-905-38	s TRANSISTOR 2SC4081T106R
Q547	8-729-402-78	s TRANSISTOR XN6401
Q548	8-729-905-38	s TRANSISTOR 2SC4081T106R
Q549	8-729-905-38	s TRANSISTOR 2SC4081T106R
Q550	8-729-402-78	s TRANSISTOR XN6401
Q551	8-729-905-38	s TRANSISTOR 2SC4081T106R

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Ref. No. or Q'ty	Part No.	SP Description
Q552	8-729-402-84	s TRANSISTOR XN4601
Q553	8-729-402-84	s TRANSISTOR XN4601
Q554	8-729-402-19	s TRANSISTOR XN6501
Q555	8-729-402-19	s TRANSISTOR XN6501
R501	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R502	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R503	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R504	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R505	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R506	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R507	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R508	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R509	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R510	1-216-840-11	s METAL, CHIP 39K 5% 1/16W
R511	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R512	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R513	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R514	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R515	1-218-700-11	s METAL 2.2K 0.50% 1/16W
R516	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R517	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R518	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R519	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R520	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R521	1-218-700-11	s METAL 2.2K 0.50% 1/16W
R522	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R523	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R524	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R525	1-218-724-11	s METAL 22K 0.50% 1/16W
R526	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R527	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R529	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R530	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R531	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R532	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R533	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R534	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R535	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R536	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R537	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R538	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R539	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R540	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R541	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R542	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R543	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R544	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R545	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R546	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R547	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R548	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R549	1-218-873-11	s METAL, CHIP 12K 0.50% 1/16W
R550	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R551	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R552	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R553	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R554	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R555	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R556	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R557	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R558	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R559	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R560	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R561	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R562	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R563	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R564	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R565	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R566	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R567	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R568	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R570	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R571	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R572	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R573	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R574	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R575	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R576	1-216-807-11	s METAL, CHIP 68 5% 1/16W
R577	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R578	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R581	1-218-692-11	s METAL, CHIP 1K 0.50% 1/16W
R582	1-218-692-11	s METAL, CHIP 1K 0.50% 1/16W
R583	1-211-990-11	s METAL, CHIP 75 0.50% 1/16W
R584	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R588	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R589	1-211-990-11	s METAL, CHIP 75 0.50% 1/16W
R590	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R591	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R592	1-218-694-11	s METAL, CHIP 1.2K 0.50% 1/16W
R592	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R593	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R594	1-218-698-11	s METAL, CHIP 1.8K 0.50% 1/16W
R595	1-218-704-11	s METAL, CHIP 3.3K 0.50% 1/16W
R596	1-218-848-11	s METAL, CHIP 1.1K 0.50% 1/16W
R597	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R598	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R599	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R600	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R601	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R602	1-218-676-11	s METAL, CHIP 220 0.50% 1/16W
R603	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R604	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R605	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R606	1-218-866-11	s METAL, CHIP 6.2K 0.50% 1/16W
R607	1-216-848-11	s METAL, CHIP 180K 5% 1/16W
R608	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R609	1-218-867-11	s METAL, CHIP 6.8K 0.50% 1/16W
R610	1-218-708-11	s METAL, CHIP 4.7K 0.50% 1/16W
R611	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R612	1-218-708-11	s METAL, CHIP 4.7K 0.50% 1/16W
R613	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R614	1-218-710-11	s METAL, CHIP 5.6K 0.50% 1/16W
R615	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R616	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R617	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R618	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R619	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R620	1-216-821-11	s METAL, CHIP 1K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R621	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R622	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R623	1-218-699-11	s METAL, CHIP 2K 0.50% 1/16W
R624	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R625	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R626	1-218-684-11	s METAL, CHIP 470 0.50% 1/16W
R627	1-218-684-11	s METAL, CHIP 470 0.50% 1/16W
R628	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R629	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R630	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R631	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R632	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R633	1-218-700-11	s METAL, CHIP 2.2K 0.50% 1/16W
R634	1-218-856-11	s METAL, CHIP 2.4K 0.50% 1/16W
R635	1-218-708-11	s METAL, CHIP 4.7K 0.50% 1/16W
R636	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R637	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R639	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R640	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R641	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R642	1-218-845-11	s METAL, CHIP 820 0.50% 1/16W
R643	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R644	1-216-794-11	s METAL, CHIP 5.6 5% 1/16W
R645	1-216-794-11	s METAL, CHIP 5.6 5% 1/16W
R646	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R647	1-211-990-11	s METAL, CHIP 75 0.50% 1/16W
R648	1-211-990-11	s METAL, CHIP 75 0.50% 1/16W
R649	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R650	1-218-700-11	s METAL, CHIP 2.2K 0.50% 1/16W
R651	1-218-708-11	s METAL, CHIP 4.7K 0.50% 1/16W
R652	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R653	1-218-700-11	s METAL, CHIP 2.2K 0.50% 1/16W
R654	1-216-807-11	s METAL, CHIP 68 5% 1/16W
R655	1-218-684-11	s METAL, CHIP 470 0.50% 1/16W
R656	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R657	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R658	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R659	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R660	1-216-836-11	s METAL, CHIP 18K 5% 1/16W
R661	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R662	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R663	1-216-815-11	s METAL, CHIP 330 5% 1/16W
R664	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R665	1-216-848-11	s METAL, CHIP 180K 5% 1/16W
R666	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R667	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R667	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W [for J,UC]
R668	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W [for CE]
R669	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R670	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R671	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R672	1-216-864-11	s METAL, CHIP 0 5% 1/16W [for J,UC]
R673	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R674	1-216-864-11	s METAL, CHIP 0 5% 1/16W [for CE]
R675	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R676	1-218-710-11	s METAL, CHIP 5.6K 0.50% 1/16W
R677	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R678	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R679	1-218-867-11 s	METAL, CHIP 6.8K 0.50% 1/16W
R680	1-218-883-11 s	METAL 33K 0.50% 1/16W
R681	1-216-845-11 s	METAL, CHIP 100K 5% 1/16W
R682	1-218-883-11 s	METAL 33K 0.50% 1/16W [for J,UC]
R683	1-218-724-11 s	METAL 22K 0.50% 1/16W [for J,UC]
R684	1-218-724-11 s	METAL 22K 0.50% 1/16W [for J,UC]
R685	1-218-699-11 s	METAL, CHIP 2K 0.50% 1/16W
R686	1-216-826-11 s	METAL, CHIP 2.7K 5% 1/16W [for CE]
R687	1-216-864-11 s	METAL, CHIP 0 5% 1/16W [for CE]
R688	1-216-826-11 s	METAL, CHIP 2.7K 5% 1/16W [for CE]
R689	1-216-841-11 s	METAL, CHIP 47K 5% 1/16W [for J,UC]
R690	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W [for J,UC]
R691	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W [for J,UC]
R692	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R693	1-216-864-11 s	METAL, CHIP 0 5% 1/16W [for CE]
R694	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R696	1-216-797-11 s	METAL, CHIP 10 5% 1/16W
R699	1-216-864-11 s	METAL, CHIP 0 5% 1/16W [for J,UC]
R700	1-216-864-11 s	METAL, CHIP 0 5% 1/16W [for J,UC]
R701	1-216-864-11 s	METAL, CHIP 0 5% 1/16W [for CE]
R702	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R703	1-216-864-11 s	METAL, CHIP 0 5% 1/16W [for J,UC]
R704	1-216-857-11 s	METAL, CHIP 1M 5% 1/16W
R705	1-216-857-11 s	METAL, CHIP 1M 5% 1/16W
R706	1-216-864-11 s	METAL, CHIP 0 5% 1/16W [for CE]
R707	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R708	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R709	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R710	1-218-710-11 s	METAL, CHIP 5.6K 0.50% 1/16W
R711	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W [for CE]
R712	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R713	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R714	1-216-837-11 s	METAL, CHIP 22K 5% 1/16W
R715	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R716	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R717	1-218-684-11 s	METAL, CHIP 470 0.50% 1/16W
R718	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R719	1-216-797-11 s	METAL, CHIP 10 5% 1/16W
R720	1-216-797-11 s	METAL, CHIP 10 5% 1/16W
R721	1-218-727-11 s	METAL 30K 0.50% 1/16W
R722	1-218-881-11 s	METAL, CHIP 27K 0.50% 1/16W
R723	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R724	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R725	1-216-825-11 s	METAL, CHIP 2.2K 5% 1/16W
R726	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R728	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R729	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R730	1-218-716-11 s	METAL 10K 0.50% 1/16W
R731	1-218-883-11 s	METAL 33K 0.50% 1/16W
R732	1-218-724-11 s	METAL 22K 0.50% 1/16W
R733	1-218-716-11 s	METAL 10K 0.50% 1/16W
R734	1-218-883-11 s	METAL 33K 0.50% 1/16W
R735	1-218-724-11 s	METAL 22K 0.50% 1/16W
R736	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R737	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R738	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R739	1-216-825-11 s	METAL, CHIP 2.2K 5% 1/16W
R741	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R742	1-216-835-11 s	METAL, CHIP 15K 5% 1/16W
R743	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R744	1-218-698-11 s	METAL 1.8K 0.50% 1/16W
R745	1-218-868-11 s	METAL, CHIP 7.5K 0.50% 1/16W
R746	1-216-835-11 s	METAL, CHIP 15K 5% 1/16W
R747	1-216-835-11 s	METAL, CHIP 15K 5% 1/16W
R748	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R749	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R750	1-216-825-11 s	METAL, CHIP 2.2K 5% 1/16W
R751	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R752	1-216-825-11 s	METAL, CHIP 2.2K 5% 1/16W
R753	1-216-797-11 s	METAL, CHIP 10 5% 1/16W
R754	1-216-797-11 s	METAL, CHIP 10 5% 1/16W
R755	1-218-881-11 s	METAL, CHIP 27K 0.50% 1/16W
R756	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R757	1-218-889-11 s	METAL, CHIP 56K 0.50% 1/16W
R758	1-218-724-11 s	METAL 22K 0.50% 1/16W
R759	1-218-883-11 s	METAL 33K 0.50% 1/16W
R760	1-218-881-11 s	METAL, CHIP 27K 0.50% 1/16W
R761	1-218-708-11 s	METAL 4.7K 0.50% 1/16W
R762	1-218-883-11 s	METAL 33K 0.50% 1/16W
R763	1-218-873-11 s	METAL, CHIP 12K 0.50% 1/16W
R764	1-218-729-11 s	METAL 36K 0.50% 1/16W
R765	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R766	1-216-837-11 s	METAL, CHIP 22K 5% 1/16W
R767	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R768	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R769	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R770	1-216-837-11 s	METAL, CHIP 22K 5% 1/16W
R771	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R772	1-216-827-11 s	METAL, CHIP 3.3K 5% 1/16W
R773	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R774	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R775	1-216-827-11 s	METAL, CHIP 3.3K 5% 1/16W
R776	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R777	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R778	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R779	1-218-716-11 s	METAL 10K 0.50% 1/16W
R780	1-218-700-11 s	METAL 2.2K 0.50% 1/16W
R781	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R782	1-218-704-11 s	METAL 3.3K 0.50% 1/16W
R783	1-218-702-11 s	METAL, CHIP 2.7K 0.50% 1/16W
R784	1-216-826-11 s	METAL, CHIP 2.7K 5% 1/16W
R785	1-218-883-11 s	METAL 33K 0.50% 1/16W
R786	1-216-845-11 s	METAL, CHIP 100K 5% 1/16W
R787	1-218-692-11 s	METAL, CHIP 1K 0.50% 1/16W
R788	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R789	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R790	1-218-716-11 s	METAL 10K 0.50% 1/16W
R791	1-218-700-11 s	METAL 2.2K 0.50% 1/16W
R792	1-218-708-11 s	METAL 4.7K 0.50% 1/16W [for J,UC]
R792	1-218-867-11 s	METAL, CHIP 6.8K 0.50% 1/16W [for CE]
R793	1-218-704-11 s	METAL 3.3K 0.50% 1/16W
R794	1-218-851-11 s	METAL, CHIP 1.5K 0.50% 1/16W
R795	1-216-826-11 s	METAL, CHIP 2.7K 5% 1/16W
R796	1-218-883-11 s	METAL 33K 0.50% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R797	1-216-845-11 s	METAL, CHIP 100K 5% 1/16W
R798	1-218-692-11 s	METAL, CHIP 1K 0.50% 1/16W
R799	1-216-845-11 s	METAL, CHIP 100K 5% 1/16W
R800	1-216-837-11 s	METAL, CHIP 22K 5% 1/16W [for J,UC]
R801	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W [for CE]
R802	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R803	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R804	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R805	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R806	1-216-801-11 s	METAL, CHIP 22 5% 1/16W
R807	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R808	1-216-827-11 s	METAL, CHIP 3.3K 5% 1/16W
R808	1-216-831-11 s	METAL, CHIP 6.8K 5% 1/16W [for J,UC]
R809	1-216-823-11 s	METAL, CHIP 1.5K 5% 1/16W [for CE]
R809	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W [for J,UC]
R810	1-218-710-11 s	METAL, CHIP 5.6K 0.50% 1/16W
R811	1-218-692-11 s	METAL, CHIP 1K 0.50% 1/16W
R812	1-218-692-11 s	METAL, CHIP 1K 0.50% 1/16W
R813	1-218-851-11 s	METAL, CHIP 1.5K 0.50% 1/16W
R813	1-218-698-11 s	METAL 1.8K 0.50% 1/16W [for J,UC]
R814	1-218-720-11 s	METAL 15K 0.50% 1/16W
R815	1-218-710-11 s	METAL, CHIP 5.6K 0.50% 1/16W
R816	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R817	1-216-825-11 s	METAL, CHIP 2.2K 5% 1/16W
R819	1-216-828-11 s	METAL, CHIP 3.9K 5% 1/16W
R820	1-216-825-11 s	METAL, CHIP 2.2K 5% 1/16W
R821	1-218-698-11 s	METAL 1.8K 0.50% 1/16W
R822	1-216-825-11 s	METAL, CHIP 2.2K 5% 1/16W
R823	1-216-807-11 s	METAL, CHIP 68 5% 1/16W
R824	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R826	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R828	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R829	1-216-845-11 s	METAL, CHIP 100K 5% 1/16W
R830	1-218-873-11 s	METAL, CHIP 12K 0.50% 1/16W
R831	1-216-827-11 s	METAL, CHIP 3.3K 5% 1/16W
RB501	1-236-904-11 s	RESISTOR, BLOCK CHIP 1K
RB502	1-236-907-11 s	RESISTOR BLOCK, CHIP 100KX4
RV501	1-241-260-11 s	RES, ADJ, METAL 500
RV502	1-241-261-41 s	RES, ADJ, METAL 1K
RV503	1-241-261-41 s	RES, ADJ, METAL 1K
RV504	1-241-261-41 s	RES, ADJ, METAL 1K
RV505	1-241-260-11 s	RES, ADJ, METAL 500

IF-532 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8311-125-A o	MOUNTED CIRCUIT BOARD, IF-532
3pcs	3-729-061-01 s	SCREW (M2X4.5) (TYPE 1)
C501	1-107-689-21 s	TANTALUM 1uF 20% 35V
C502	1-164-156-11 s	CERAMIC 0.1uF 25V
C503	1-164-156-11 s	CERAMIC 0.1uF 25V
C504	1-164-156-11 s	CERAMIC 0.1uF 25V
C506	1-104-851-11 s	TANTALUM, CHIP 10uF 20% 10V
C507	1-113-642-11 s	TANTALUM 47uF 20% 10V
C508	1-164-156-11 s	CERAMIC 0.1uF 25V
C509	1-164-156-11 s	CERAMIC 0.1uF 25V
C510	1-104-851-11 s	TANTALUM, CHIP 10uF 20% 10V
C511	1-104-851-11 s	TANTALUM, CHIP 10uF 20% 10V
C512	1-113-642-11 s	TANTALUM 47uF 20% 10V
C513	1-113-642-11 s	TANTALUM 47uF 20% 10V
C514	1-164-156-11 s	CERAMIC 0.1uF 25V
C515	1-164-156-11 s	CERAMIC 0.1uF 25V
C516	1-164-156-11 s	CERAMIC 0.1uF 25V
C517	1-164-156-11 s	CERAMIC 0.1uF 25V
C518	1-164-156-11 s	CERAMIC 0.1uF 25V
C519	1-164-156-11 s	CERAMIC 0.1uF 25V
C520	1-164-156-11 s	CERAMIC 0.1uF 25V
C521	1-164-156-11 s	CERAMIC 0.1uF 25V
C522	1-104-851-11 s	TANTALUM, CHIP 10uF 20% 10V
C523	1-104-851-11 s	TANTALUM, CHIP 10uF 20% 10V
C524	1-104-851-11 s	TANTALUM, CHIP 10uF 20% 10V
C525	1-113-682-11 s	TANTALUM CHIP 33uF 20% 10V
C526	1-113-682-11 s	TANTALUM CHIP 33uF 20% 10V
C527	1-162-913-11 s	CERAMIC 8PF 0.5PF 50V
C528	1-162-910-11 s	CERAMIC 5PF 0.25PF 50V
C529	1-164-156-11 s	CERAMIC 0.1uF 25V
C530	1-164-156-11 s	CERAMIC 0.1uF 25V
C531	1-162-913-11 s	CERAMIC 8PF 0.5PF 50V
C532	1-162-913-11 s	CERAMIC 8PF 0.5PF 50V
C533	1-164-156-11 s	CERAMIC 0.1uF 25V
C534	1-164-156-11 s	CERAMIC 0.1uF 25V
C535	1-162-916-11 s	CERAMIC, CHIP 12PF 5% 50V
C536	1-162-913-11 s	CERAMIC 8PF 0.5PF 50V
C537	1-164-156-11 s	CERAMIC 0.1uF 25V
C538	1-164-156-11 s	CERAMIC 0.1uF 25V
C539	1-113-682-11 s	TANTALUM CHIP 33uF 20% 10V
C540	1-113-682-11 s	TANTALUM CHIP 33uF 20% 10V
C541	1-164-156-11 s	CERAMIC 0.1uF 25V
C542	1-164-156-11 s	CERAMIC 0.1uF 25V
C544	1-104-608-11 s	ELECT 33uF 20% 6.3V
C545	1-162-927-11 s	CERAMIC, CHIP 100PF 5% 50V
C546	1-164-156-11 s	CERAMIC 0.1uF 25V
C547	1-164-156-11 s	CERAMIC 0.1uF 25V
C548	1-164-156-11 s	CERAMIC 0.1uF 25V
C549	1-164-156-11 s	CERAMIC 0.1uF 25V
C550	1-164-156-11 s	CERAMIC 0.1uF 25V
C551	1-164-156-11 s	CERAMIC 0.1uF 25V
C552	1-164-156-11 s	CERAMIC 0.1uF 25V
C553	1-164-156-11 s	CERAMIC 0.1uF 25V
C554	1-164-156-11 s	CERAMIC 0.1uF 25V
C556	1-104-608-11 s	ELECT 33uF 20% 6.3V
C557	1-162-927-11 s	CERAMIC, CHIP 100PF 5% 50V
C558	1-164-156-11 s	CERAMIC 0.1uF 25V
C559	1-164-156-11 s	CERAMIC 0.1uF 25V

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Ref. No. or Q'ty	Part No.	SP Description
C560	1-164-156-11 s	CERAMIC 0.1uF 25V
C561	1-164-156-11 s	CERAMIC 0.1uF 25V
C562	1-164-156-11 s	CERAMIC 0.1uF 25V
C565	1-113-682-11 s	TANTALUM CHIP 33uF 20% 10V
C566	1-113-682-11 s	TANTALUM CHIP 33uF 20% 10V
C568	1-104-608-11 s	ELECT 33uF 20% 6.3V
C569	1-162-927-11 s	CERAMIC, CHIP 100PF 5% 50V
C570	1-164-156-11 s	CERAMIC 0.1uF 25V
C571	1-162-923-11 s	CERAMIC, CHIP 47PF 5% 50V
C572	1-162-923-11 s	CERAMIC, CHIP 47PF 5% 50V
C573	1-164-156-11 s	CERAMIC 0.1uF 25V
C574	1-164-156-11 s	CERAMIC 0.1uF 25V
C575	1-162-915-11 s	CERAMIC, CHIP 10PF 0.5PF 50V
C576	1-162-921-11 s	CERAMIC, CHIP 33PF 5% 50V
C577	1-162-911-11 s	CERAMIC, CHIP 6PF 50V
C578	1-162-925-11 s	CERAMIC, CHIP 68PF 5% 50V
C579	1-162-917-11 s	CERAMIC, CHIP 15PF 5% 50V
C580	1-164-156-11 s	CERAMIC 0.1uF 25V
C581	1-164-156-11 s	CERAMIC 0.1uF 25V
C582	1-162-968-11 s	CERAMIC, CHIP 0.0047uF 10% 50V
C583	1-164-156-11 s	CERAMIC 0.1uF 25V
C584	1-162-966-11 s	CERAMIC, CHIP 0.0022uF 10% 50V
C585	1-164-156-11 s	CERAMIC 0.1uF 25V
C586	1-162-919-11 s	CERAMIC, CHIP 22PF 5% 50V
C587	1-162-919-11 s	CERAMIC, CHIP 22PF 5% 50V
C588	1-164-156-11 s	CERAMIC 0.1uF 25V
C589	1-164-156-11 s	CERAMIC 0.1uF 25V
C590	1-164-156-11 s	CERAMIC 0.1uF 25V
C591	1-164-156-11 s	CERAMIC 0.1uF 25V
C592	1-164-156-11 s	CERAMIC 0.1uF 25V
C593	1-113-682-11 s	TANTALUM CHIP 33uF 20% 10V
C594	1-164-156-11 s	CERAMIC 0.1uF 25V
C595	1-113-682-11 s	TANTALUM CHIP 33uF 20% 10V
C596	1-164-156-11 s	CERAMIC 0.1uF 25V
C597	1-164-156-11 s	CERAMIC 0.1uF 25V
C598	1-164-156-11 s	CERAMIC 0.1uF 25V
C599	1-111-253-11 s	TANTALUM 100uF 20% 6.3V
C600	1-110-569-11 s	TANTALUM 47uF 20% 6.3V
C601	1-164-156-11 s	CERAMIC 0.1uF 25V
C602	1-164-156-11 s	CERAMIC 0.1uF 25V
C603	1-164-156-11 s	CERAMIC 0.1uF 25V
C604	1-164-156-11 s	CERAMIC 0.1uF 25V
C605	1-164-156-11 s	CERAMIC 0.1uF 25V
C611	1-164-156-11 s	CERAMIC 0.1uF 25V
C612	1-113-682-11 s	TANTALUM CHIP 33uF 20% 10V
C613	1-113-682-11 s	TANTALUM CHIP 33uF 20% 10V
C614	1-164-156-11 s	CERAMIC 0.1uF 25V
C615	1-164-156-11 s	CERAMIC 0.1uF 25V
C616	1-164-156-11 s	CERAMIC 0.1uF 25V
C617	1-107-685-11 s	TANTALUM 15uF 20% 6.3V
C618	1-164-156-11 s	CERAMIC 0.1uF 25V
C619	1-164-156-11 s	CERAMIC 0.1uF 25V
C620	1-164-156-11 s	CERAMIC 0.1uF 25V
C621	1-113-682-11 s	TANTALUM CHIP 33uF 20% 10V
C622	1-164-156-11 s	CERAMIC 0.1uF 25V
C626	1-164-156-11 s	CERAMIC 0.1uF 25V
C627	1-104-851-11 s	TANTALUM, CHIP 10uF 20% 10V
C629	1-113-682-11 s	TANTALUM CHIP 33uF 20% 10V
C630	1-113-682-11 s	TANTALUM CHIP 33uF 20% 10V

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Ref. No. or Q'ty	Part No.	SP Description
C631	1-113-682-11 s	TANTALUM CHIP 33uF 20% 10V
C632	1-113-682-11 s	TANTALUM CHIP 33uF 20% 10V
C633	1-113-682-11 s	TANTALUM CHIP 33uF 20% 10V
C634	1-113-682-11 s	TANTALUM CHIP 33uF 20% 10V
C635	1-162-927-11 s	CERAMIC, CHIP 100PF 5% 50V
C636	1-164-156-11 s	CERAMIC 0.1uF 25V
C637	1-111-253-11 s	TANTALUM 100uF 20% 6.3V
C638	1-164-156-11 s	CERAMIC 0.1uF 25V
C639	1-110-569-11 s	TANTALUM 47uF 20% 6.3V
C640	1-164-156-11 s	CERAMIC 0.1uF 25V
C641	1-110-569-11 s	TANTALUM 47uF 20% 6.3V
C642	1-164-156-11 s	CERAMIC 0.1uF 25V
C643	1-111-253-11 s	TANTALUM 100uF 20% 6.3V
C644	1-164-156-11 s	CERAMIC 0.1uF 25V
C645	1-110-569-11 s	TANTALUM 47uF 20% 6.3V
C646	1-164-156-11 s	CERAMIC 0.1uF 25V
C648	1-110-569-11 s	TANTALUM 47uF 20% 6.3V
C651	1-164-156-11 s	CERAMIC 0.1uF 25V
C652	1-164-156-11 s	CERAMIC 0.1uF 25V
C653	1-113-682-11 s	TANTALUM CHIP 33uF 20% 10V
C654	1-164-156-11 s	CERAMIC 0.1uF 25V
C655	1-104-851-11 s	TANTALUM, CHIP 10uF 20% 10V
C656	1-164-156-11 s	CERAMIC 0.1uF 25V
C657	1-164-156-11 s	CERAMIC 0.1uF 25V
C658	1-164-156-11 s	CERAMIC 0.1uF 25V
C659	1-164-156-11 s	CERAMIC 0.1uF 25V
C660	1-164-156-11 s	CERAMIC 0.1uF 25V
C661	1-164-156-11 s	CERAMIC 0.1uF 25V
C663	1-164-156-11 s	CERAMIC 0.1uF 25V
C664	1-164-156-11 s	CERAMIC 0.1uF 25V
C665	1-164-156-11 s	CERAMIC 0.1uF 25V
C666	1-164-156-11 s	CERAMIC 0.1uF 25V
C668	1-164-156-11 s	CERAMIC 0.1uF 25V
C669	1-164-156-11 s	CERAMIC 0.1uF 25V
C670	1-164-156-11 s	CERAMIC 0.1uF 25V
C672	1-164-156-11 s	CERAMIC 0.1uF 25V
C673	1-164-156-11 s	CERAMIC 0.1uF 25V
C674	1-162-908-11 s	CERAMIC 3PF 0.25PF 50V
CP501	1-760-275-11 s	OSCILLATOR, CRYSTAL 27MHz
D501	8-719-029-63 s	DIODE RD4.3UH-T1
D502	8-719-029-63 s	DIODE RD4.3UH-T1
D503	8-719-029-63 s	DIODE RD4.3UH-T1
D506	8-719-421-69 s	DIODE MA133
D507	8-719-421-67 s	DIODE MA132WK
FB501	1-414-445-11 s	INDUCTOR CHIP 0uH
FB502	1-414-445-11 s	INDUCTOR CHIP 0uH
FB503	1-414-445-11 s	INDUCTOR CHIP 0uH
FB504	1-414-445-11 s	INDUCTOR CHIP 0uH
FL501	1-233-753-21 s	FILTER, LOW PASS
FL502	1-233-753-21 s	FILTER, LOW PASS
FL503	1-233-753-21 s	FILTER, LOW PASS
IC501	8-759-185-42 s	IC LM4040AIM3-2.5
IC502	8-759-076-06 s	IC TL064CPW
IC503	8-759-086-41 s	IC X24C02S-3.0
IC504	8-759-635-27 s	IC M62352GP
IC505	8-759-173-16 s	IC TL062CPW
IC506	8-759-066-59 s	IC TC74HC4053AFS

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Ref. No. or Q'ty	Part No.	SP Description
IC507	8-759-066-61	s IC TC4053BFS
IC508	8-759-262-06	s IC TC4052BFS(ELQ)
IC509	8-759-066-61	s IC TC4053BFS
IC510	8-759-031-84	s IC SC7S04F
IC511	8-759-031-84	s IC SC7S04F
IC512	8-759-234-20	s IC TC7S08F
IC513	8-759-066-61	s IC TC4053BFS
IC514	8-759-180-08	s IC TC74HC4538AFS
IC515	8-759-079-46	s IC TC74VHC00FS(EL)
IC516	8-752-363-60	s IC CXD2307R-T4
IC517	8-759-079-49	s IC TC74VHC04FS(EL)
IC519	8-759-079-49	s IC TC74VHC04FS(EL)
IC521	8-759-050-53	s IC SN74HCT08APW-E20
IC522	8-759-184-64	s IC TC4W66FU
IC523	8-759-173-16	s IC TL062CPW
IC524	8-759-031-84	s IC SC7S04F
IC527	8-759-066-61	s IC TC4053BFS
IC529	8-759-079-49	s IC TC74VHC04FS(EL)
IC530	8-759-196-96	s IC TC7SH08FU-TE85R
IC531	8-759-079-61	s IC TC74VHC74FS(EL)
JR501	1-216-864-11	s METAL, CHIP 0 5% 1/16W
JR502	1-216-864-11	s METAL, CHIP 0 5% 1/16W
JR503	1-216-864-11	s METAL, CHIP 0 5% 1/16W
JR504	1-216-864-11	s METAL, CHIP 0 5% 1/16W
JR506	1-216-864-11	s METAL, CHIP 0 5% 1/16W
L501	1-412-962-11	s INDUCTOR 82uH
L502	1-410-656-11	s INDUCTOR CHIP 150uH
L503	1-412-955-11	s INDUCTOR 22uH
L504	1-412-955-11	s INDUCTOR 22uH
L505	1-424-643-11	s COIL, CHOKE 10UH
L506	1-412-955-11	s INDUCTOR 22uH
L507	1-412-955-11	s INDUCTOR 22uH
L508	1-412-955-11	s INDUCTOR 22uH
L509	1-412-955-11	s INDUCTOR 22uH
Q501	8-729-101-07	s TRANSISTOR 2SB798
Q502	8-729-101-07	s TRANSISTOR 2SB798
Q503	8-729-807-51	s TRANSISTOR 2SD1623-S
Q505	8-729-402-84	s TRANSISTOR XN4601
Q506	8-729-807-51	s TRANSISTOR 2SD1623-S
Q507	8-729-101-07	s TRANSISTOR 2SB798
Q508	8-729-402-19	s TRANSISTOR XN6501
Q509	8-729-122-63	s TRANSISTOR 2SA1226
Q510	8-729-402-84	s TRANSISTOR XN4601
Q511	8-729-402-19	s TRANSISTOR XN6501
Q512	8-729-122-63	s TRANSISTOR 2SA1226
Q513	8-729-402-84	s TRANSISTOR XN4601
Q514	8-729-402-19	s TRANSISTOR XN6501
Q515	8-729-122-63	s TRANSISTOR 2SA1226
Q516	8-729-402-84	s TRANSISTOR XN4601
Q517	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR
Q518	8-729-905-38	s TRANSISTOR 2SC4081T106R
Q519	8-729-402-84	s TRANSISTOR XN4601
Q520	8-729-402-78	s TRANSISTOR XN6401
Q521	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR
Q522	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR
Q523	8-729-905-38	s TRANSISTOR 2SC4081T106R
Q524	8-729-905-38	s TRANSISTOR 2SC4081T106R
Q525	8-729-905-38	s TRANSISTOR 2SC4081T106R
Q526	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR

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Ref. No. or Q'ty	Part No.	SP Description
Q527	8-729-905-38	s TRANSISTOR 2SC4081T106R
Q528	8-729-402-84	s TRANSISTOR XN4601
Q529	8-729-402-78	s TRANSISTOR XN6401
Q530	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR
Q531	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR
Q532	8-729-402-19	s TRANSISTOR XN6501
Q533	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR
Q534	8-729-905-38	s TRANSISTOR 2SC4081T106R
Q535	8-729-402-78	s TRANSISTOR XN6501
Q536	8-729-403-32	s TRANSISTOR XN6534
Q537	8-729-402-78	s TRANSISTOR XN6401
Q538	8-729-402-84	s TRANSISTOR XN4601
Q539	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR
Q540	8-729-402-84	s TRANSISTOR XN4601
Q541	8-729-905-38	s TRANSISTOR 2SC4081T106R
Q542	8-729-402-84	s TRANSISTOR XN4601
Q543	8-729-402-84	s TRANSISTOR XN4601
Q544	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR
Q545	8-729-402-19	s TRANSISTOR XN6501
Q546	8-729-402-78	s TRANSISTOR XN6401
Q547	8-729-905-38	s TRANSISTOR 2SC4081T106R
Q548	8-729-402-84	s TRANSISTOR XN4601
R501	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R502	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R503	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R504	1-218-881-11	s METAL, CHIP 27K 0.50% 1/16W
R505	1-218-708-11	s METAL 4.7K 0.50% 1/16W
R506	1-218-883-11	s METAL 33K 0.50% 1/16W
R507	1-218-881-11	s METAL, CHIP 27K 0.50% 1/16W
R508	1-218-708-11	s METAL 4.7K 0.50% 1/16W
R509	1-218-883-11	s METAL 33K 0.50% 1/16W
R510	1-218-730-11	s METAL, CHIP 39K 0.50% 1/16W
R511	1-218-729-11	s METAL 36K 0.50% 1/16W
R514	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R515	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R516	1-218-730-11	s METAL, CHIP 39K 0.50% 1/16W
R517	1-218-883-11	s METAL 33K 0.50% 1/16W
R518	1-218-724-11	s METAL 22K 0.50% 1/16W
R519	1-218-730-11	s METAL, CHIP 39K 0.50% 1/16W
R520	1-218-883-11	s METAL 33K 0.50% 1/16W
R521	1-218-724-11	s METAL 22K 0.50% 1/16W
R522	1-218-730-11	s METAL, CHIP 39K 0.50% 1/16W
R523	1-218-883-11	s METAL 33K 0.50% 1/16W
R524	1-218-724-11	s METAL 22K 0.50% 1/16W
R525	1-218-716-11	s METAL 10K 0.50% 1/16W
R526	1-218-710-11	s METAL, CHIP 5.6K 0.50% 1/16W
R527	1-218-700-11	s METAL 2.2K 0.50% 1/16W
R528	1-218-704-11	s METAL 3.3K 0.50% 1/16W
R529	1-218-886-11	s METAL, CHIP 43K 0.50% 1/16W
R530	1-218-883-11	s METAL 33K 0.50% 1/16W
R531	1-218-700-11	s METAL 2.2K 0.50% 1/16W
R532	1-218-732-11	s METAL 47K 0.50% 1/16W
R533	1-218-738-11	s METAL 82K 0.50% 1/16W
R534	1-218-732-11	s METAL 47K 0.50% 1/16W
R535	1-218-738-11	s METAL 82K 0.50% 1/16W
R536	1-218-732-11	s METAL 47K 0.50% 1/16W
R537	1-218-738-11	s METAL 82K 0.50% 1/16W
R538	1-216-833-11	s METAL, CHIP 10K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R539	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R540	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R541	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R542	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R543	1-218-851-11	s METAL, CHIP 1.5K 0.50% 1/16W
R544	1-218-672-11	s METAL 150 0.50% 1/16W
R545	1-218-700-11	s METAL 2.2K 0.50% 1/16W
R546	1-211-991-11	s METAL, CHIP 82 0.50% 1/16W
R547	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R548	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R549	1-218-692-11	s METAL, CHIP 1K 0.50% 1/16W
R550	1-218-700-11	s METAL 2.2K 0.50% 1/16W
R551	1-218-660-91	s METAL 47 0.50% 1/16W
R552	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R553	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R554	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R555	1-218-695-11	s METAL 1.3K 0.50% 1/16W
R556	1-218-668-11	s METAL 100 0.50% 1/16W
R557	1-218-700-11	s METAL 2.2K 0.50% 1/16W
R558	1-218-833-11	s METAL, CHIP 270 0.50% 1/16W
R559	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R560	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R561	1-218-692-11	s METAL, CHIP 1K 0.50% 1/16W
R562	1-218-856-11	s METAL, CHIP 2.4K 0.50% 1/16W
R563	1-218-680-11	s METAL 330 0.50% 1/16W
R564	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R565	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R566	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R567	1-218-697-11	s METAL 1.6K 0.50% 1/16W
R568	1-218-672-11	s METAL 150 0.50% 1/16W
R569	1-218-700-11	s METAL 2.2K 0.50% 1/16W
R570	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R571	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R572	1-218-700-11	s METAL 2.2K 0.50% 1/16W
R573	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R574	1-218-708-11	s METAL 4.7K 0.50% 1/16W
R575	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R576	1-218-700-11	s METAL 2.2K 0.50% 1/16W
R577	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R578	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R579	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R580	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R581	1-218-676-11	s METAL 220 0.50% 1/16W
R582	1-218-698-11	s METAL 1.8K 0.50% 1/16W
R583	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R584	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R585	1-218-692-11	s METAL, CHIP 1K 0.50% 1/16W
R586	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R587	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R588	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R589	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R590	1-211-990-11	s METAL, CHIP 75 0.50% 1/16W
R591	1-218-846-11	s METAL, CHIP 910 0.50% 1/16W
R592	1-218-648-11	s METAL 15 0.50% 1/16W
R593	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R594	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R595	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R596	1-211-987-11	s METAL, CHIP 56 0.50% 1/16W
R597	1-216-809-11	s METAL, CHIP 100 5% 1/16W

(IF-532 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R598	1-218-828-11	s METAL 160 0.50% 1/16W
R599	1-218-648-11	s METAL 15 0.50% 1/16W
R600	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R601	1-218-840-11	s METAL, CHIP 510 0.50% 1/16W
R602	1-218-648-11	s METAL 15 0.50% 1/16W
R603	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R604	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R605	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R606	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R607	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R608	1-218-664-11	s METAL 68 0.50% 1/16W
R609	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R610	1-218-664-11	s METAL 68 0.50% 1/16W
R611	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R612	1-218-664-11	s METAL 68 0.50% 1/16W
R613	1-218-676-11	s METAL 220 0.50% 1/16W
R614	1-218-698-11	s METAL 1.8K 0.50% 1/16W
R615	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R616	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R617	1-218-692-11	s METAL, CHIP 1K 0.50% 1/16W
R618	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R619	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R620	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R621	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R622	1-211-990-11	s METAL, CHIP 75 0.50% 1/16W
R623	1-218-846-11	s METAL, CHIP 910 0.50% 1/16W
R624	1-218-648-11	s METAL 15 0.50% 1/16W
R625	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R626	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R627	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R628	1-211-987-11	s METAL, CHIP 56 0.50% 1/16W
R629	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R630	1-218-828-11	s METAL 160 0.50% 1/16W
R631	1-218-648-11	s METAL 15 0.50% 1/16W
R632	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R633	1-218-840-11	s METAL, CHIP 510 0.50% 1/16W
R634	1-218-648-11	s METAL 15 0.50% 1/16W
R635	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R636	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R637	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R638	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R639	1-216-807-11	s METAL, CHIP 68 5% 1/16W
R640	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R641	1-216-807-11	s METAL, CHIP 68 5% 1/16W
R642	1-218-676-11	s METAL 220 0.50% 1/16W
R643	1-218-698-11	s METAL 1.8K 0.50% 1/16W
R644	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R645	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R646	1-218-700-11	s METAL 2.2K 0.50% 1/16W
R647	1-216-853-11	s METAL, CHIP 470K 5% 1/16W
R648	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R649	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R650	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R651	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R652	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R653	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R654	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R655	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R656	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W

(IF-532 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R657	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R658	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R659	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R660	1-216-826-11 s	METAL, CHIP 2.7K 5% 1/16W
R661	1-216-825-11 s	METAL, CHIP 2.2K 5% 1/16W
R662	1-218-706-11 s	METAL 3.9K 0.50% 1/16W
R663	1-218-704-11 s	METAL 3.3K 0.50% 1/16W
R664	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R665	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R666	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R667	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R668	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R669	1-211-987-11 s	METAL, CHIP 56 0.50% 1/16W
R670	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R671	1-218-846-11 s	METAL, CHIP 910 0.50% 1/16W
R672	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R673	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R674	1-216-826-11 s	METAL, CHIP 2.7K 5% 1/16W
R675	1-218-700-11 s	METAL 2.2K 0.50% 1/16W
R676	1-218-700-11 s	METAL 2.2K 0.50% 1/16W
R677	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R678	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R679	1-218-722-11 s	METAL, CHIP 18K 0.50% 1/16W
R680	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R681	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R682	1-218-833-11 s	METAL, CHIP 270 0.50% 1/16W
R683	1-211-974-11 s	METAL 16 0.50% 1/16W
R684	1-218-679-91 s	METAL, CHIP 300 0.50% 1/16W
R685	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R686	1-218-688-11 s	METAL 680 0.50% 1/16W
R687	1-218-651-11 s	METAL 20 0.50% 1/16W
R688	1-218-688-11 s	METAL 680 0.50% 1/16W
R689	1-211-981-11 s	METAL, CHIP 33 0.50% 1/16W
R690	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R691	1-216-823-11 s	METAL, CHIP 1.5K 5% 1/16W
R692	1-216-823-11 s	METAL, CHIP 1.5K 5% 1/16W
R693	1-218-698-11 s	METAL 1.8K 0.50% 1/16W
R694	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R695	1-218-698-11 s	METAL 1.8K 0.50% 1/16W
R696	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R697	1-218-700-11 s	METAL 2.2K 0.50% 1/16W
R698	1-218-700-11 s	METAL 2.2K 0.50% 1/16W
R699	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R700	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R701	1-216-845-11 s	METAL, CHIP 100K 5% 1/16W
R702	1-216-845-11 s	METAL, CHIP 100K 5% 1/16W
R703	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R704	1-216-813-11 s	METAL, CHIP 220 5% 1/16W
R705	1-216-813-11 s	METAL, CHIP 220 5% 1/16W
R706	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R707	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R709	1-218-676-11 s	METAL 220 0.50% 1/16W
R710	1-218-676-11 s	METAL 220 0.50% 1/16W
R711	1-218-676-11 s	METAL 220 0.50% 1/16W
R712	1-218-702-11 s	METAL, CHIP 2.7K 0.50% 1/16W
R713	1-218-702-11 s	METAL, CHIP 2.7K 0.50% 1/16W
R714	1-218-702-11 s	METAL, CHIP 2.7K 0.50% 1/16W
R715	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R716	1-216-809-11 s	METAL, CHIP 100 5% 1/16W

(IF-532 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R717	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R720	1-216-819-11 s	METAL, CHIP 680 5% 1/16W
R721	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R722	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R723	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R724	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R725	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R726	1-216-839-11 s	METAL, CHIP 33K 5% 1/16W
R727	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R728	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R729	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R730	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R731	1-216-797-11 s	METAL, CHIP 10 5% 1/16W
R732	1-216-857-11 s	METAL, CHIP 1M 5% 1/16W
R734	1-216-797-11 s	METAL, CHIP 10 5% 1/16W
R738	1-216-823-11 s	METAL, CHIP 1.5K 5% 1/16W
R739	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R740	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R741	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R745	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R746	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R747	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R748	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R749	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R750	1-218-844-11 s	METAL, CHIP 750 0.50% 1/16W
R751	1-211-969-11 s	METAL, CHIP 10 0.50% 1/16W
R754	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R755	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R756	1-216-841-11 s	METAL, CHIP 47K 5% 1/16W
R757	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R758	1-216-841-11 s	METAL, CHIP 47K 5% 1/16W
R759	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R760	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R762	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R763	1-216-819-11 s	METAL, CHIP 680 5% 1/16W
R764	1-216-813-11 s	METAL, CHIP 220 5% 1/16W
R766	1-216-813-11 s	METAL, CHIP 220 5% 1/16W
R767	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R768	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R769	1-216-845-11 s	METAL, CHIP 100K 5% 1/16W
R770	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R772	1-215-397-00 s	METAL 100 1% 1/6W
RB501	1-236-904-11 s	RESISTOR, BLOCK CHIP 1K
RB502	1-236-907-11 s	RESISTOR BLOCK, CHIP 100KX4
RB503	1-239-306-11 s	RESISTOR BLOCK, CHIP 10KX8
RB504	1-239-306-11 s	RESISTOR BLOCK, CHIP 10KX8
RB505	1-239-306-11 s	RESISTOR BLOCK, CHIP 10KX8
RB506	1-239-306-11 s	RESISTOR BLOCK, CHIP 10KX8
RB508	1-236-904-11 s	RESISTOR, BLOCK CHIP 1K
RB509	1-236-904-11 s	RESISTOR, BLOCK CHIP 1K
RB510	1-236-908-11 s	RESISTOR, NETWORK, CHIP 10k
RB511	1-236-907-11 s	RESISTOR BLOCK, CHIP 100KX4
RB512	1-239-419-11 s	NETWORK RESISTOR (CHIP) 470
RB513	1-239-419-11 s	NETWORK RESISTOR (CHIP) 470
RB514	1-239-419-11 s	NETWORK RESISTOR (CHIP) 470

MB-629 BOARD

Ref. No.

or Q'ty Part No. SP Description

1pc A-8311-129-A o MOUNTED CIRCUIT BOARD, MB-629
11pcs 3-729-061-01 s SCREW (M2X4.5) (TYPE 1)

C2 1-107-686-11 s TANTALUM, CHIP 4.7uF 20% 16V
C3 1-104-851-11 s TANTALUM, CHIP 10uF 20% 10V
C5 1-162-970-11 s CERAMIC, CHIP 0.01uF 10% 25V
C6 1-126-393-11 s ELECT 33uF 20% 10V
C9 1-104-851-11 s TANTALUM, CHIP 10uF 20% 10V

C18 1-164-156-11 s CERAMIC 0.1uF 25V
C19 1-164-156-11 s CERAMIC 0.1uF 25V
C26 1-104-851-11 s TANTALUM, CHIP 10uF 20% 10V
C27 1-104-851-11 s TANTALUM, CHIP 10uF 20% 10V
C30 1-104-851-11 s TANTALUM, CHIP 10uF 20% 10V

C31 1-104-851-11 s TANTALUM, CHIP 10uF 20% 10V
C35 1-104-851-11 s TANTALUM, CHIP 10uF 20% 10V
C36 1-162-923-11 s CERAMIC, CHIP 47PF 5% 50V
C37 1-162-917-11 s CERAMIC, CHIP 15PF 5% 50V
C38 1-104-851-11 s TANTALUM, CHIP 10uF 20% 10V

C40 1-164-156-11 s CERAMIC 0.1uF 25V
C41 1-164-156-11 s CERAMIC 0.1uF 25V
C42 1-104-851-11 s TANTALUM, CHIP 10uF 20% 10V
C44 1-135-210-11 s TANTALUM 4.7uF 10% 10V
C45 1-164-156-11 s CERAMIC 0.1uF 25V

C46 1-164-156-11 s CERAMIC 0.1uF 25V
C47 1-162-964-11 s CERAMIC 0.001uF 10% 50V
C49 1-164-156-11 s CERAMIC 0.1uF 25V
C51 1-162-964-11 s CERAMIC 0.001uF 10% 50V
C52 1-126-397-11 s ELECT, CHIP 33uF 20% 25V

C53 1-126-397-11 s ELECT, CHIP 33uF 20% 25V
C54 1-104-851-11 s TANTALUM, CHIP 10uF 20% 10V
C59 1-104-851-11 s TANTALUM, CHIP 10uF 20% 10V
C60 1-115-339-11 s CERAMIC 0.1uF 10% 50V
C103 1-126-393-11 s ELECT 33uF 20% 10V

C104 1-104-851-11 s TANTALUM, CHIP 10uF 20% 10V
C105 1-126-393-11 s ELECT 33uF 20% 10V
C106 1-104-851-11 s TANTALUM, CHIP 10uF 20% 10V
C107 1-164-156-11 s CERAMIC 0.1uF 25V
C108 1-164-156-11 s CERAMIC 0.1uF 25V

C109 1-164-156-11 s CERAMIC 0.1uF 25V
C110 1-164-156-11 s CERAMIC 0.1uF 25V
C111 1-164-156-11 s CERAMIC 0.1uF 25V
C201 1-104-851-11 s TANTALUM, CHIP 10uF 20% 10V
C202 1-113-500-11 s TANTALUM 100uF 20% 10V

C203 1-162-910-11 s CERAMIC 5PF 0.25PF 50V
C204 1-104-551-11 s FILM 0.01uF 5% 16V
C205 1-104-551-11 s FILM 0.01uF 5% 16V
C206 1-164-156-11 s CERAMIC 0.1uF 25V
C207 1-164-156-11 s CERAMIC 0.1uF 25V

C209 1-162-910-11 s CERAMIC 5PF 0.25PF 50V
C210 1-104-563-11 s FILM, CHIP 0.1uF 5% 16V
C211 1-104-563-11 s FILM, CHIP 0.1uF 5% 16V
C212 1-164-156-11 s CERAMIC 0.1uF 25V
C213 1-164-156-11 s CERAMIC 0.1uF 25V

C214 1-104-563-11 s FILM, CHIP 0.1uF 5% 16V
C215 1-104-563-11 s FILM, CHIP 0.1uF 5% 16V
C216 1-164-156-11 s CERAMIC 0.1uF 25V
C217 1-164-156-11 s CERAMIC 0.1uF 25V
C218 1-104-823-11 s TANTALUM, CHIP 47uF 20% 16V

C219 1-115-154-21 s ELECT 10uF 20% 16V

(MB-629 BOARD)

Ref. No.

or Q'ty Part No. SP Description

C220 1-115-154-21 s ELECT 10uF 20% 16V
C221 1-115-154-21 s ELECT 10uF 20% 16V
C222 1-104-823-11 s TANTALUM, CHIP 47uF 20% 16V
C223 1-113-500-11 s TANTALUM 100uF 20% 10V

CN1 1-770-454-21 o CONNECTOR, BOARD TO BOARD 70P
CN2 1-573-806-21 s PIN, CONNECTOR (1.5MM) (SMD) 6P
CN103 1-569-035-11 o CONNECTOR, FPC (ZIF) 30P
CN105 1-695-320-51 o CONNECTOR (1.5MM) (SMD) 2P MALE
CN106 1-695-320-31 o CONNECTOR (1.5MM) (SMD) 2P MALE

CN107 1-695-320-71 o PIN, CONNECTOR (1.5MM) 2P
CN108 1-770-454-21 o CONNECTOR, BOARD TO BOARD 70P
CN111 1-691-845-11 o CONNECTOR (SQUARE TYPE) 50P
CN112 1-569-531-11 s HOUSING, CONNECTOR 20P
CN113 1-569-531-11 s HOUSING, CONNECTOR 20P

CN114 1-569-531-11 s HOUSING, CONNECTOR 20P
CN116 1-778-656-11 o CONNECTOR, BOARD TO BOARD 24P
CN117 1-778-655-11 o PIN, CONNECTOR 2P
CN118 1-766-383-11 o CONNECTOR (1.5MM) (SMD) 12P MALE
CN119 1-573-806-21 s PIN, CONNECTOR (1.5MM) (SMD) 6P

CN120 1-695-320-21 o CONNECTOR (1.5MM) (SMD) 2P MALE
CN121 1-766-383-11 o CONNECTOR (1.5MM) (SMD) 12P MALE
CN122 1-691-551-11 s PIN, CONNECTOR 8P
CN123 1-695-320-21 o CONNECTOR (1.5MM) (SMD) 2P MALE

CV1 1-141-368-11 s CAP, CHIP TRIMMER

D1 8-719-800-76 s DIODE 1SS226
D2 8-719-027-95 s DIODE HSM88WK
D3 8-719-800-76 s DIODE 1SS226
D5 8-719-974-76 s DIODE HSM107S
D6 8-719-421-69 s DIODE MA133

D7 8-719-421-69 s DIODE MA133
D8 8-719-421-69 s DIODE MA133
D9 8-719-421-69 s DIODE MA133
D10 8-719-421-69 s DIODE MA133

FB102 1-414-445-11 s INDUCTOR CHIP 0uH
FB103 1-414-445-11 s INDUCTOR CHIP 0uH
FB104 1-414-445-11 s INDUCTOR CHIP 0uH
FB105 1-414-445-11 s INDUCTOR CHIP 0uH
FB106 1-414-445-11 s INDUCTOR CHIP 0uH

FB107 1-414-445-11 s INDUCTOR CHIP 0uH
FB109 1-414-445-11 s INDUCTOR CHIP 0uH
FB110 1-414-445-11 s INDUCTOR CHIP 0uH
FB114 1-414-445-11 s INDUCTOR CHIP 0uH
FB115 1-414-445-11 s INDUCTOR CHIP 0uH

FB116 1-414-445-11 s INDUCTOR CHIP 0uH
FB117 1-414-445-11 s INDUCTOR CHIP 0uH
FB118 1-414-445-11 s INDUCTOR CHIP 0uH
FB119 1-414-445-11 s INDUCTOR CHIP 0uH
FB120 1-414-445-11 s INDUCTOR CHIP 0uH

FB121 1-414-445-11 s INDUCTOR CHIP 0uH
FB122 1-414-445-11 s INDUCTOR CHIP 0uH
FB123 1-414-445-11 s INDUCTOR CHIP 0uH
FB124 1-414-445-11 s INDUCTOR CHIP 0uH

IC1 8-759-234-20 s IC TC7S08F
IC2 8-759-234-20 s IC TC7S08F
IC3 8-759-050-94 s IC SN74HC165APW-E05
IC6 8-759-049-76 s IC SN74HC244APW-E05
IC9 8-759-399-63 s IC X24325S

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Ref. No. or Q'ty	Part No.	SP Description
IC10	8-759-268-32	s IC SN74HC595ADB-E05
IC11	8-752-381-56	s IC CXD1095AR
IC12	8-759-065-20	s IC RTC-4553B
IC13	8-759-430-61	s IC UPD6453GT-658
IC15	8-759-338-95	s IC NJM2903V (TE2)
IC16	8-759-076-06	s IC TL064CPW
IC17	8-759-278-11	s IC TC4051BFS (EL)
IC18	8-759-173-16	s IC TL062CPW
IC21	8-759-082-57	s IC TC7W04FU
IC22	8-759-234-20	s IC TC7S08F
IC102	8-759-173-16	s IC TL062CPW
IC201	8-759-031-84	s IC SC7S04F
IC202	8-759-173-16	s IC TL062CPW
IC203	8-759-700-09	s IC NJM2043M-D
IC204	8-759-262-06	s IC TC4052BFS (ELQ)
IC205	8-759-700-09	s IC NJM2043M-D
L1	1-412-955-11	s INDUCTOR 22uH
L2	1-412-955-11	s INDUCTOR 22uH
L3	1-412-963-11	s INDUCTOR 100uH
L4	1-412-955-11	s INDUCTOR 22uH
L7	1-412-955-11	s INDUCTOR 22uH
L8	1-412-955-11	s INDUCTOR 22uH
L9	1-412-955-11	s INDUCTOR 22uH
L10	1-412-955-11	s INDUCTOR 22uH
L11	1-412-957-11	s INDUCTOR 33uH
L12	1-412-955-11	s INDUCTOR 22uH
L13	1-412-955-11	s INDUCTOR 22uH
L14	1-412-282-41	s INDUCTOR 470uH
L15	1-412-282-41	s INDUCTOR 470uH
L16	1-412-955-11	s INDUCTOR 22uH
L101	1-412-026-11	s INDUCTOR CHIP 1uH
L102	1-412-026-11	s INDUCTOR CHIP 1uH
L103	1-412-026-11	s INDUCTOR CHIP 1uH
Q1	8-729-402-19	s TRANSISTOR XN6501
Q2	8-729-402-19	s TRANSISTOR XN6501
Q5	8-729-402-19	s TRANSISTOR XN6501
Q6	8-729-402-19	s TRANSISTOR XN6501
Q7	8-729-402-19	s TRANSISTOR XN6501
Q8	8-729-905-38	s TRANSISTOR 2SC4081T106R
Q9	8-729-905-38	s TRANSISTOR 2SC4081T106R
Q10	8-729-905-38	s TRANSISTOR 2SC4081T106R
Q11	8-729-402-84	s TRANSISTOR XN4601
Q12	8-729-142-90	s TRANSISTOR 2SK853-K5
Q13	8-729-141-75	s TRANSISTOR 2SD596DV345
Q14	8-729-141-48	s TRANSISTOR 2SB624-BV345
Q15	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR
Q16	8-729-905-38	s TRANSISTOR 2SC4081T106R
Q17	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR
Q18	8-729-119-78	s TRANSISTOR 2SC2603-E
Q101	8-729-101-07	s TRANSISTOR 2SB798
Q102	8-729-101-07	s TRANSISTOR 2SB798
Q103	8-729-905-38	s TRANSISTOR 2SC4081T106R
Q201	8-729-905-38	s TRANSISTOR 2SC4081T106R
Q202	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR
R1	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R2	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R3	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R4	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R5	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R6	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R7	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R8	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R9	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R10	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R11	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R20	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R23	1-218-883-11	s METAL 33K 0.50% 1/16W
R24	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R25	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R29	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R30	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R31	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R32	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R33	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R34	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R35	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R40	1-218-720-11	s METAL 15K 0.50% 1/16W
R41	1-218-722-11	s METAL, CHIP 18K 0.50% 1/16W
R42	1-218-724-11	s METAL 22K 0.50% 1/16W
R44	1-216-797-11	s METAL, CHIP 10 5% 1/16W
R45	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R46	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R47	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R48	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R49	1-218-708-11	s METAL 4.7K 0.50% 1/16W
R50	1-218-708-11	s METAL 4.7K 0.50% 1/16W
R51	1-218-889-11	s METAL, CHIP 56K 0.50% 1/16W
R52	1-218-889-11	s METAL, CHIP 56K 0.50% 1/16W
R53	1-216-797-11	s METAL, CHIP 10 5% 1/16W
R54	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R55	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R56	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R57	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R58	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R59	1-218-692-11	s METAL, CHIP 1K 0.50% 1/16W
R60	1-218-692-11	s METAL, CHIP 1K 0.50% 1/16W
R61	1-218-706-11	s METAL 3.9K 0.50% 1/16W
R62	1-218-692-11	s METAL, CHIP 1K 0.50% 1/16W
R63	1-218-738-11	s METAL 82K 0.50% 1/16W
R64	1-218-738-11	s METAL 82K 0.50% 1/16W
R65	1-218-716-11	s METAL 10K 0.50% 1/16W
R66	1-218-724-11	s METAL 22K 0.50% 1/16W
R67	1-218-724-11	s METAL 22K 0.50% 1/16W
R68	1-218-716-11	s METAL 10K 0.50% 1/16W
R69	1-218-716-11	s METAL 10K 0.50% 1/16W
R70	1-218-706-11	s METAL 3.9K 0.50% 1/16W
R71	1-218-867-11	s METAL, CHIP 6.8K 0.50% 1/16W
R72	1-218-724-11	s METAL 22K 0.50% 1/16W
R73	1-218-714-11	s METAL 8.2K 0.50% 1/16W
R74	1-218-710-11	s METAL, CHIP 5.6K 0.50% 1/16W
R75	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R76	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R77	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R78	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R79	1-216-807-11	s METAL, CHIP 68 5% 1/16W
R80	1-216-807-11	s METAL, CHIP 68 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R81	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R82	1-216-807-11	s METAL, CHIP 68 5% 1/16W
R83	1-216-807-11	s METAL, CHIP 68 5% 1/16W
R84	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R85	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R87	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R88	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R89	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R90	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R91	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R92	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R93	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R94	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R99	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R106	1-218-881-11	s METAL, CHIP 27K 0.50% 1/16W
R107	1-218-708-11	s METAL 4.7K 0.50% 1/16W
R108	1-218-883-11	s METAL 33K 0.50% 1/16W
R109	1-218-851-11	s METAL, CHIP 1.5K 0.50% 1/16W
R110	1-218-881-11	s METAL, CHIP 27K 0.50% 1/16W
R111	1-218-708-11	s METAL 4.7K 0.50% 1/16W
R112	1-218-883-11	s METAL 33K 0.50% 1/16W
R113	1-218-851-11	s METAL, CHIP 1.5K 0.50% 1/16W
R114	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R116	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R118	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R119	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R120	1-216-797-11	s METAL, CHIP 10 5% 1/16W
R122	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R123	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R124	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R125	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R201	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R202	1-216-797-11	s METAL, CHIP 10 5% 1/16W
R203	1-216-843-11	s METAL, CHIP 68K 5% 1/16W
R204	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R205	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R206	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R207	1-218-851-11	s METAL, CHIP 1.5K 0.50% 1/16W
R208	1-218-851-11	s METAL, CHIP 1.5K 0.50% 1/16W
R209	1-218-700-11	s METAL 2.2K 0.50% 1/16W
R210	1-211-977-11	s METAL, CHIP 22 0.50% 1/16W
R213	1-218-700-11	s METAL 2.2K 0.50% 1/16W
R214	1-211-977-11	s METAL, CHIP 22 0.50% 1/16W
R217	1-218-706-11	s METAL 3.9K 0.50% 1/16W
R218	1-218-720-11	s METAL 15K 0.50% 1/16W
R219	1-218-706-11	s METAL 3.9K 0.50% 1/16W
R220	1-218-720-11	s METAL 15K 0.50% 1/16W
R221	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R222	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R223	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R224	1-218-733-11	s METAL 51K 0.50% 1/16W
R225	1-218-733-11	s METAL 51K 0.50% 1/16W
R226	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R227	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R229	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R230	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R231	1-216-797-11	s METAL, CHIP 10 5% 1/16W
R232	1-216-797-11	s METAL, CHIP 10 5% 1/16W
R233	1-216-864-11	s METAL, CHIP 0 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R234	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R301	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R302	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R303	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R304	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R305	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R306	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R307	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R308	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R309	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R310	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R311	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R312	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R313	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R314	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R315	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R316	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R317	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R318	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R319	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R320	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R322	1-247-871-11	s CARBON 47K 5% 1/4W
RB2	1-239-309-11	s RESISTOR BLOCK, CHIP 100K
RB4	1-236-907-11	s RESISTOR BLOCK, CHIP 100KX4
RB5	1-236-907-11	s RESISTOR BLOCK, CHIP 100KX4
RB6	1-236-907-11	s RESISTOR BLOCK, CHIP 100KX4
RB7	1-239-430-11	s NETWORK RESISTOR (CHIP) 4.7K
RB9	1-236-904-11	s RESISTOR, BLOCK CHIP 1K
RB10	1-236-904-11	s RESISTOR, BLOCK CHIP 1K
RB11	1-236-904-11	s RESISTOR, BLOCK CHIP 1K
RV201	1-238-855-11	s RES, ADJ, METAL 4.7K

PA-187(B) BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-565-977-11	s CONTACT, FEMALE AWG 28-32
1pc	1-569-679-11	o CONTACT, FEMALE
1pc	1-569-680-11	o HOUSING, CONNECTOR 2P
C1	1-135-213-21	s TANTALUM, CHIP 3.3uF 20% 25V
C2	1-107-690-11	s TANTALUM 6.8uF 20% 35V
C3	1-135-213-21	s TANTALUM, CHIP 3.3uF 20% 25V
C4	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C5	1-135-213-21	s TANTALUM, CHIP 3.3uF 20% 25V
C6	1-135-213-21	s TANTALUM, CHIP 3.3uF 20% 25V
C7	1-162-959-11	s CERAMIC 330PF 5% 50V
C8	1-104-914-11	s TANTALUM 22uF 20% 16V
C10	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C12	1-107-690-11	s TANTALUM 6.8uF 20% 35V
C14	1-107-690-11	s TANTALUM 6.8uF 20% 35V
C17	1-164-156-11	s CERAMIC 0.1uF 25V
C18	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C19	1-164-156-11	s CERAMIC 0.1uF 25V
C20	1-164-156-11	s CERAMIC 0.1uF 25V
C21	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C23	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C27	1-135-259-11	s TANTALUM 10uF 20% 6.3V
C28	1-164-156-11	s CERAMIC 0.1uF 25V
C29	1-162-907-11	s CERAMIC, CHIP 2PF 50V
C30	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C31	1-162-907-11	s CERAMIC, CHIP 2PF 50V
C32	1-162-910-11	s CERAMIC 5PF 0.25PF 50V
C33	1-164-156-11	s CERAMIC 0.1uF 25V
C34	1-113-991-11	s TANTALUM 33uF 20% 16V
C35	1-164-156-11	s CERAMIC 0.1uF 25V
C36	1-164-156-11	s CERAMIC 0.1uF 25V
C37	1-113-500-11	s TANTALUM 100uF 20% 10V
C38	1-164-156-11	s CERAMIC 0.1uF 25V
C39	1-164-156-11	s CERAMIC 0.1uF 25V
C40	1-164-156-11	s CERAMIC 0.1uF 25V
C41	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C44	1-164-156-11	s CERAMIC 0.1uF 25V
C45	1-135-177-21	s TANTALUM, CHIP 1uF 10% 25V
C46	1-107-690-11	s TANTALUM 6.8uF 20% 35V
C47	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C48	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C49	1-113-500-11	s TANTALUM 100uF 20% 10V
C50	1-113-500-11	s TANTALUM 100uF 20% 10V
C51	1-164-156-11	s CERAMIC 0.1uF 25V
C55	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C56	1-164-156-11	s CERAMIC 0.1uF 25V
C57	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C58	1-164-156-11	s CERAMIC 0.1uF 25V
C59	1-164-156-11	s CERAMIC 0.1uF 25V
C61	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C62	1-131-381-11	s TANTALUM 47uF 20% 10V
CN1	1-766-383-11	o CONNECTOR (1.5MM) (SMD) 12P MALE
CN2	1-766-382-11	o CONNECTOR (1.5MM) (SMD) 10P MALE
CN3	1-695-320-21	o CONNECTOR (1.5MM) (SMD) 2P MALE
D1	8-719-059-50	s DIODE MA3J142DOLSO
D2	8-719-059-50	s DIODE MA3J142DOLSO
D4	8-719-017-42	s DIODE HSM88WA
FB1	1-543-775-11	s FILTER, EMI

(PA-187(B) BOARD)

Ref. No. or Q'ty	Part No.	SP Description
IC2	8-759-058-62	s IC TC7S08FU(TE85R)
IC4	8-759-985-17	s IC 74AC04SJ
IC5	8-759-058-62	s IC TC7S08FU(TE85R)
IC6	8-759-058-62	s IC TC7S08FU(TE85R)
Q1	8-729-402-19	s TRANSISTOR XN6501
Q2	8-729-117-32	s TRANSISTOR 2SC4177
Q3	8-729-101-25	s TRANSISTOR 2SC1009A
Q5	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q7	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q8	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q9	8-769-401-67	s TRANSISTOR 3SK163-1
Q10	8-729-117-32	s TRANSISTOR 2SC4177
Q11	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q12	8-729-117-32	s TRANSISTOR 2SC4177
Q13	8-769-401-67	s TRANSISTOR 3SK163-1
Q14	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q15	8-729-117-32	s TRANSISTOR 2SC4177
Q16	8-769-401-67	s TRANSISTOR 3SK163-1
Q18	8-729-117-32	s TRANSISTOR 2SC4177
Q24	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q25	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q26	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q27	8-729-143-13	s TRANSISTOR 2SC4176-B34
Q28	8-729-117-32	s TRANSISTOR 2SC4177
Q29	8-729-117-32	s TRANSISTOR 2SC4177
Q32	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q33	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q35	8-729-117-32	s TRANSISTOR 2SC4177
Q36	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q37	8-769-401-67	s TRANSISTOR 3SK163-1
Q38	8-729-117-32	s TRANSISTOR 2SC4177
Q39	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q40	8-769-401-67	s TRANSISTOR 3SK163-1
R1	1-218-716-11	s METAL 10K 0.50% 1/16W
R3	1-218-732-11	s METAL 47K 0.50% 1/16W
R4	1-218-730-11	s METAL, CHIP 39K 0.50% 1/16W
R5	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R6	1-218-883-11	s METAL 33K 0.50% 1/16W
R7	1-218-716-11	s METAL 10K 0.50% 1/16W
R8	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R9	1-218-716-11	s METAL 10K 0.50% 1/16W
R10	1-218-730-11	s METAL, CHIP 39K 0.50% 1/16W
R11	1-218-720-11	s METAL 15K 0.50% 1/16W
R12	1-218-844-11	s METAL, CHIP 750 0.50% 1/16W
R13	1-218-668-11	s METAL 100 0.50% 1/16W
R14	1-218-704-11	s METAL 3.3K 0.50% 1/16W
R20	1-218-692-11	s METAL, CHIP 1K 0.50% 1/16W
R25	1-218-684-11	s METAL, CHIP 470 0.50% 1/16W
R28	1-218-698-11	s METAL 1.8K 0.50% 1/16W
R29	1-218-694-11	s METAL, CHIP 1.2K 0.50% 1/16W
R30	1-216-864-11	s METAL, CHIP 0.5% 1/16W
R31	1-218-708-11	s METAL 4.7K 0.50% 1/16W
R32	1-218-866-11	s METAL, CHIP 6.2K 0.50% 1/16W
R33	1-218-668-11	s METAL 100 0.50% 1/16W
R34	1-218-698-11	s METAL 1.8K 0.50% 1/16W
R35	1-218-740-11	s METAL 100K 0.50% 1/16W
R36	1-211-981-11	s METAL, CHIP 33 0.50% 1/16W
R37	1-218-866-11	s METAL, CHIP 6.2K 0.50% 1/16W

(PA-187(B) BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R38	1-218-694-11	s METAL, CHIP 1.2K 0.50% 1/16W
R39	1-211-969-11	s METAL, CHIP 10 0.50% 1/16W
R40	1-218-698-11	s METAL 1.8K 0.50% 1/16W
R41	1-218-668-11	s METAL 100 0.50% 1/16W
R42	1-218-866-11	s METAL, CHIP 6.2K 0.50% 1/16W
R43	1-211-981-11	s METAL, CHIP 33 0.50% 1/16W
R44	1-218-698-11	s METAL 1.8K 0.50% 1/16W
R47	1-218-720-11	s METAL 15K 0.50% 1/16W
R49	1-211-981-11	s METAL, CHIP 33 0.50% 1/16W
R50	1-218-720-11	s METAL 15K 0.50% 1/16W
R59	1-218-716-11	s METAL 10K 0.50% 1/16W
R60	1-218-732-11	s METAL 47K 0.50% 1/16W
R62	1-218-845-11	s METAL, CHIP 820 0.50% 1/16W
R64	1-218-705-11	s METAL 3.6K 0.50% 1/16W
R65	1-218-695-11	s METAL 1.3K 0.50% 1/16W
R66	1-218-688-11	s METAL 680 0.50% 1/16W
R67	1-218-845-11	s METAL, CHIP 820 0.50% 1/16W
R69	1-218-705-11	s METAL 3.6K 0.50% 1/16W
R70	1-218-704-11	s METAL 3.3K 0.50% 1/16W
R71	1-218-700-11	s METAL 2.2K 0.50% 1/16W
R72	1-218-700-11	s METAL 2.2K 0.50% 1/16W
R73	1-218-668-11	s METAL 100 0.50% 1/16W
R74	1-218-668-11	s METAL 100 0.50% 1/16W
R75	1-218-700-11	s METAL 2.2K 0.50% 1/16W
R76	1-216-853-11	s METAL, CHIP 470K 5% 1/16W
R77	1-216-853-11	s METAL, CHIP 470K 5% 1/16W
R78	1-218-740-11	s METAL 100K 0.50% 1/16W
R79	1-218-740-11	s METAL 100K 0.50% 1/16W
R80	1-211-969-11	s METAL, CHIP 10 0.50% 1/16W
R81	1-211-969-11	s METAL, CHIP 10 0.50% 1/16W
R82	1-218-881-11	s METAL, CHIP 27K 0.50% 1/16W
R83	1-218-736-11	s METAL 68K 0.50% 1/16W
R84	1-218-684-11	s METAL, CHIP 470 0.50% 1/16W
R85	1-218-851-11	s METAL, CHIP 1.5K 0.50% 1/16W
R86	1-218-708-11	s METAL 4.7K 0.50% 1/16W
R87	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R92	1-218-729-11	s METAL 36K 0.50% 1/16W
R93	1-218-740-11	s METAL 100K 0.50% 1/16W
R94	1-218-692-11	s METAL, CHIP 1K 0.50% 1/16W
R97	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R99	1-218-724-11	s METAL 22K 0.50% 1/16W
R103	1-211-981-11	s METAL, CHIP 33 0.50% 1/16W
R104	1-218-720-11	s METAL 15K 0.50% 1/16W
R105	1-218-698-11	s METAL 1.8K 0.50% 1/16W
R106	1-211-981-11	s METAL, CHIP 33 0.50% 1/16W
R107	1-218-720-11	s METAL 15K 0.50% 1/16W
R108	1-218-698-11	s METAL 1.8K 0.50% 1/16W
R109	1-211-969-11	s METAL, CHIP 10 0.50% 1/16W
R110	1-215-453-00	s METAL 22K 1% 1/6W
RV1	1-241-263-11	s RES, ADJ, METAL 5K

PA-188(G) BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-565-977-11	s CONTACT, FEMALE AWG 28-32
1pc	1-569-679-11	o CONTACT, FEMALE
1pc	1-569-680-11	o HOUSING, CONNECTOR 2P
C1	1-135-213-21	s TANTALUM, CHIP 3.3uF 20% 25V
C2	1-107-690-11	s TANTALUM 6.8uF 20% 35V
C3	1-135-213-21	s TANTALUM, CHIP 3.3uF 20% 25V
C4	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C5	1-135-213-21	s TANTALUM, CHIP 3.3uF 20% 25V
C6	1-135-213-21	s TANTALUM, CHIP 3.3uF 20% 25V
C7	1-162-959-11	s CERAMIC 330PF 5% 50V
C8	1-104-914-11	s TANTALUM 22uF 20% 16V
C10	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C12	1-107-690-11	s TANTALUM 6.8uF 20% 35V
C14	1-107-690-11	s TANTALUM 6.8uF 20% 35V
C17	1-164-156-11	s CERAMIC 0.1uF 25V
C18	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C19	1-164-156-11	s CERAMIC 0.1uF 25V
C20	1-164-156-11	s CERAMIC 0.1uF 25V
C21	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C23	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C27	1-135-259-11	s TANTALUM 10uF 20% 6.3V
C28	1-164-156-11	s CERAMIC 0.1uF 25V
C29	1-162-916-11	s CERAMIC, CHIP 12PF 5% 50V
C30	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C31	1-162-916-11	s CERAMIC, CHIP 12PF 5% 50V
C32	1-162-915-11	s CERAMIC, CHIP 10PF 0.5PF 50V
C33	1-164-156-11	s CERAMIC 0.1uF 25V
C34	1-113-991-11	s TANTALUM 33uF 20% 16V
C35	1-164-156-11	s CERAMIC 0.1uF 25V
C36	1-164-156-11	s CERAMIC 0.1uF 25V
C37	1-113-500-11	s TANTALUM 100uF 20% 10V
C38	1-164-156-11	s CERAMIC 0.1uF 25V
C39	1-164-156-11	s CERAMIC 0.1uF 25V
C40	1-164-156-11	s CERAMIC 0.1uF 25V
C41	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C44	1-164-156-11	s CERAMIC 0.1uF 25V
C45	1-135-177-21	s TANTALUM, CHIP 1uF 10% 25V
C46	1-107-690-11	s TANTALUM 6.8uF 20% 35V
C47	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C48	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C49	1-164-156-11	s CERAMIC 0.1uF 25V
C50	1-113-500-11	s TANTALUM 100uF 20% 10V
C51	1-113-500-11	s TANTALUM 100uF 20% 10V
C52	1-164-156-11	s CERAMIC 0.1uF 25V
C55	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C56	1-164-156-11	s CERAMIC 0.1uF 25V
C57	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C58	1-164-156-11	s CERAMIC 0.1uF 25V
C59	1-164-156-11	s CERAMIC 0.1uF 25V
C61	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C62	1-131-381-11	s TANTALUM 47uF 20% 10V
CN1	1-766-383-11	o CONNECTOR (1.5MM)(SMD) 12P MALE
CN2	1-766-383-11	o CONNECTOR (1.5MM)(SMD) 12P MALE
CN3	1-695-320-21	o CONNECTOR (1.5MM)(SMD) 2P MALE
D1	8-719-059-50	s DIODE MA3J142DOLSO
D2	8-719-059-50	s DIODE MA3J142DOLSO
D4	8-719-017-42	s DIODE HSM88WA

(PA-188(G) BOARD)

Ref. No. or Q'ty	Part No.	SP Description
FB1	1-543-775-11 s	FILTER, EMI
IC2	8-759-058-62 s	IC TC7S08FU(TE85R)
IC3	8-759-075-53 s	IC LM35DM
IC4	8-759-985-17 s	IC 74AC04SJ
IC5	8-759-058-62 s	IC TC7S08FU(TE85R)
IC6	8-759-058-62 s	IC TC7S08FU(TE85R)
Q1	8-729-402-19 s	TRANSISTOR XN6501
Q2	8-729-117-32 s	TRANSISTOR 2SC4177
Q3	8-729-101-25 s	TRANSISTOR 2SC1009A
Q5	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
Q7	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
Q8	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
Q9	8-769-401-67 s	TRANSISTOR 3SK163-1
Q10	8-729-117-32 s	TRANSISTOR 2SC4177
Q11	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
Q12	8-729-117-32 s	TRANSISTOR 2SC4177
Q13	8-769-401-67 s	TRANSISTOR 3SK163-1
Q14	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
Q15	8-729-117-32 s	TRANSISTOR 2SC4177
Q16	8-769-401-67 s	TRANSISTOR 3SK163-1
Q18	8-729-117-32 s	TRANSISTOR 2SC4177
Q24	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
Q25	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
Q26	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
Q27	8-729-143-13 s	TRANSISTOR 2SC4176-B34
Q28	8-729-117-32 s	TRANSISTOR 2SC4177
Q29	8-729-117-32 s	TRANSISTOR 2SC4177
Q32	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
Q33	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
Q35	8-729-117-32 s	TRANSISTOR 2SC4177
Q36	8-729-117-16 s	TRANSISTOR 2SA1611-M6
Q37	8-769-401-67 s	TRANSISTOR 3SK163-1
Q38	8-729-117-32 s	TRANSISTOR 2SC4177
Q39	8-729-117-16 s	TRANSISTOR 2SA1611-M6
Q40	8-769-401-67 s	TRANSISTOR 3SK163-1
R1	1-218-716-11 s	METAL 10K 0.50% 1/16W
R3	1-218-732-11 s	METAL 47K 0.50% 1/16W
R4	1-218-730-11 s	METAL, CHIP 39K 0.50% 1/16W
R5	1-216-857-11 s	METAL, CHIP 1M 5% 1/16W
R6	1-218-883-11 s	METAL 33K 0.50% 1/16W
R7	1-218-716-11 s	METAL 10K 0.50% 1/16W
R8	1-216-857-11 s	METAL, CHIP 1M 5% 1/16W
R9	1-218-716-11 s	METAL 10K 0.50% 1/16W
R10	1-218-730-11 s	METAL, CHIP 39K 0.50% 1/16W
R11	1-218-720-11 s	METAL 15K 0.50% 1/16W
R12	1-218-844-11 s	METAL, CHIP 750 0.50% 1/16W
R13	1-218-668-11 s	METAL 100 0.50% 1/16W
R14	1-218-704-11 s	METAL 3.3K 0.50% 1/16W
R20	1-218-692-11 s	METAL, CHIP 1K 0.50% 1/16W
R25	1-218-684-11 s	METAL, CHIP 470 0.50% 1/16W
R28	1-218-698-11 s	METAL 1.8K 0.50% 1/16W
R29	1-218-694-11 s	METAL, CHIP 1.2K 0.50% 1/16W
R30	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R31	1-218-708-11 s	METAL 4.7K 0.50% 1/16W
R32	1-218-866-11 s	METAL, CHIP 6.2K 0.50% 1/16W
R33	1-218-668-11 s	METAL 100 0.50% 1/16W
R34	1-218-698-11 s	METAL 1.8K 0.50% 1/16W
R35	1-218-740-11 s	METAL 100K 0.50% 1/16W

(PA-188(G) BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R36	1-211-981-11 s	METAL, CHIP 33 0.50% 1/16W
R37	1-218-866-11 s	METAL, CHIP 6.2K 0.50% 1/16W
R38	1-218-694-11 s	METAL, CHIP 1.2K 0.50% 1/16W
R39	1-211-969-11 s	METAL, CHIP 10 0.50% 1/16W
R40	1-218-698-11 s	METAL 1.8K 0.50% 1/16W
R41	1-218-668-11 s	METAL 100 0.50% 1/16W
R42	1-218-866-11 s	METAL, CHIP 6.2K 0.50% 1/16W
R43	1-211-981-11 s	METAL, CHIP 33 0.50% 1/16W
R44	1-218-698-11 s	METAL 1.8K 0.50% 1/16W
R47	1-218-720-11 s	METAL 15K 0.50% 1/16W
R49	1-211-981-11 s	METAL, CHIP 33 0.50% 1/16W
R50	1-218-720-11 s	METAL 15K 0.50% 1/16W
R59	1-218-716-11 s	METAL 10K 0.50% 1/16W
R60	1-218-732-11 s	METAL 47K 0.50% 1/16W
R62	1-218-694-11 s	METAL, CHIP 1.2K 0.50% 1/16W
R64	1-218-845-11 s	METAL, CHIP 820 0.50% 1/16W
R65	1-218-695-11 s	METAL 1.3K 0.50% 1/16W
R66	1-218-688-11 s	METAL 680 0.50% 1/16W
R67	1-218-694-11 s	METAL, CHIP 1.2K 0.50% 1/16W
R69	1-218-845-11 s	METAL, CHIP 820 0.50% 1/16W
R70	1-218-704-11 s	METAL 3.3K 0.50% 1/16W
R71	1-218-698-11 s	METAL 1.8K 0.50% 1/16W
R74	1-218-668-11 s	METAL 100 0.50% 1/16W
R75	1-218-700-11 s	METAL 2.2K 0.50% 1/16W
R76	1-216-853-11 s	METAL, CHIP 470K 5% 1/16W
R77	1-216-853-11 s	METAL, CHIP 470K 5% 1/16W
R78	1-218-740-11 s	METAL 100K 0.50% 1/16W
R79	1-218-740-11 s	METAL 100K 0.50% 1/16W
R80	1-211-969-11 s	METAL, CHIP 10 0.50% 1/16W
R81	1-211-969-11 s	METAL, CHIP 10 0.50% 1/16W
R82	1-218-881-11 s	METAL, CHIP 27K 0.50% 1/16W
R83	1-218-736-11 s	METAL 68K 0.50% 1/16W
R84	1-218-684-11 s	METAL, CHIP 470 0.50% 1/16W
R85	1-218-851-11 s	METAL, CHIP 1.5K 0.50% 1/16W
R86	1-218-708-11 s	METAL 4.7K 0.50% 1/16W
R87	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R92	1-218-729-11 s	METAL 36K 0.50% 1/16W
R93	1-218-740-11 s	METAL 100K 0.50% 1/16W
R94	1-218-692-11 s	METAL, CHIP 1K 0.50% 1/16W
R96	1-218-668-11 s	METAL 100 0.50% 1/16W
R97	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R99	1-218-881-11 s	METAL, CHIP 27K 0.50% 1/16W
R103	1-211-981-11 s	METAL, CHIP 33 0.50% 1/16W
R104	1-218-720-11 s	METAL 15K 0.50% 1/16W
R105	1-218-698-11 s	METAL 1.8K 0.50% 1/16W
R106	1-211-981-11 s	METAL, CHIP 33 0.50% 1/16W
R107	1-218-720-11 s	METAL 15K 0.50% 1/16W
R108	1-218-698-11 s	METAL 1.8K 0.50% 1/16W
R109	1-211-969-11 s	METAL, CHIP 10 0.50% 1/16W
R110	1-215-455-00 s	METAL 27K 1% 1/6W

PA-189(R) BOARD

Ref. No.

or Q'ty Part No. SP Description

1pc	1-565-977-11	s	CONTACT, FEMALE AWG 28-32
1pc	1-569-679-11	o	CONTACT, FEMALE
1pc	1-569-680-11	o	HOUSING, CONNECTOR 2P
C1	1-135-213-21	s	TANTALUM, CHIP 3.3uF 20% 25V
C2	1-107-690-11	s	TANTALUM 6.8uF 20% 35V
C3	1-135-213-21	s	TANTALUM, CHIP 3.3uF 20% 25V
C4	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C5	1-135-213-21	s	TANTALUM, CHIP 3.3uF 20% 25V
C6	1-135-213-21	s	TANTALUM, CHIP 3.3uF 20% 25V
C7	1-162-959-11	s	CERAMIC 330PF 5% 50V
C8	1-104-914-11	s	TANTALUM 22uF 20% 16V
C10	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C12	1-107-690-11	s	TANTALUM 6.8uF 20% 35V
C14	1-107-690-11	s	TANTALUM 6.8uF 20% 35V
C17	1-164-156-11	s	CERAMIC 0.1uF 25V
C18	1-162-923-11	s	CERAMIC, CHIP 47PF 5% 50V
C19	1-164-156-11	s	CERAMIC 0.1uF 25V
C20	1-164-156-11	s	CERAMIC 0.1uF 25V
C21	1-162-923-11	s	CERAMIC, CHIP 47PF 5% 50V
C23	1-162-923-11	s	CERAMIC, CHIP 47PF 5% 50V
C27	1-135-259-11	s	TANTALUM 10uF 20% 6.3V
C28	1-164-156-11	s	CERAMIC 0.1uF 25V
C29	1-162-908-11	s	CERAMIC 3PF 0.25PF 50V
C30	1-113-682-11	s	TANTALUM CHIP 33uF 20% 10V
C31	1-162-908-11	s	CERAMIC 3PF 0.25PF 50V
C32	1-162-915-11	s	CERAMIC, CHIP 10PF 0.5PF 50V
C33	1-164-156-11	s	CERAMIC 0.1uF 25V
C34	1-113-991-11	s	TANTALUM 33uF 20% 16V
C35	1-164-156-11	s	CERAMIC 0.1uF 25V
C36	1-164-156-11	s	CERAMIC 0.1uF 25V
C37	1-113-500-11	s	TANTALUM 100uF 20% 10V
C38	1-164-156-11	s	CERAMIC 0.1uF 25V
C39	1-164-156-11	s	CERAMIC 0.1uF 25V
C40	1-164-156-11	s	CERAMIC 0.1uF 25V
C41	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C44	1-164-156-11	s	CERAMIC 0.1uF 25V
C45	1-135-177-21	s	TANTALUM, CHIP 1uF 10% 25V
C46	1-107-690-11	s	TANTALUM 6.8uF 20% 35V
C47	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C48	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C50	1-113-500-11	s	TANTALUM 100uF 20% 10V
C51	1-113-500-11	s	TANTALUM 100uF 20% 10V
C52	1-164-156-11	s	CERAMIC 0.1uF 25V
C55	1-162-923-11	s	CERAMIC, CHIP 47PF 5% 50V
C56	1-164-156-11	s	CERAMIC 0.1uF 25V
C57	1-162-923-11	s	CERAMIC, CHIP 47PF 5% 50V
C58	1-164-156-11	s	CERAMIC 0.1uF 25V
C59	1-164-156-11	s	CERAMIC 0.1uF 25V
C61	1-113-682-11	s	TANTALUM CHIP 33uF 20% 10V
C62	1-131-381-11	s	TANTALUM 47uF 20% 10V
CN1	1-766-383-11	o	CONNECTOR (1.5MM) (SMD) 12P MALE
CN2	1-766-383-11	o	CONNECTOR (1.5MM) (SMD) 12P MALE
CN3	1-695-320-21	o	CONNECTOR (1.5MM) (SMD) 2P MALE
D1	8-719-059-50	s	DIODE MA3J142DOLSO
D2	8-719-059-50	s	DIODE MA3J142DOLSO
D4	8-719-017-42	s	DIODE HSM88WA
FB1	1-543-775-11	s	FILTER, EMI

(PA-189(R) BOARD)

Ref. No.

or Q'ty Part No. SP Description

IC2	8-759-058-62	s	IC TC7S08FU(TE85R)
IC4	8-759-985-17	s	IC 74AC04SJ
IC5	8-759-058-62	s	IC TC7S08FU(TE85R)
IC6	8-759-058-62	s	IC TC7S08FU(TE85R)
Q1	8-729-402-19	s	TRANSISTOR XN6501
Q2	8-729-117-32	s	TRANSISTOR 2SC4177
Q3	8-729-101-25	s	TRANSISTOR 2SC1009A
Q5	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q7	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q8	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q9	8-769-401-67	s	TRANSISTOR 3SK163-1
Q10	8-729-117-32	s	TRANSISTOR 2SC4177
Q11	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q12	8-729-117-32	s	TRANSISTOR 2SC4177
Q13	8-769-401-67	s	TRANSISTOR 3SK163-1
Q14	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q15	8-729-117-32	s	TRANSISTOR 2SC4177
Q16	8-769-401-67	s	TRANSISTOR 3SK163-1
Q18	8-729-117-32	s	TRANSISTOR 2SC4177
Q24	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q25	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q26	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q27	8-729-143-13	s	TRANSISTOR 2SC4176-B34
Q28	8-729-117-32	s	TRANSISTOR 2SC4177
Q29	8-729-117-32	s	TRANSISTOR 2SC4177
Q32	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q33	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q35	8-729-117-32	s	TRANSISTOR 2SC4177
Q36	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q37	8-769-401-67	s	TRANSISTOR 3SK163-1
Q38	8-729-117-32	s	TRANSISTOR 2SC4177
Q39	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q40	8-769-401-67	s	TRANSISTOR 3SK163-1
R1	1-218-716-11	s	METAL 10K 0.50% 1/16W
R3	1-218-732-11	s	METAL 47K 0.50% 1/16W
R4	1-218-730-11	s	METAL, CHIP 39K 0.50% 1/16W
R5	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R6	1-218-883-11	s	METAL 33K 0.50% 1/16W
R7	1-218-716-11	s	METAL 10K 0.50% 1/16W
R8	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R9	1-218-716-11	s	METAL 10K 0.50% 1/16W
R10	1-218-730-11	s	METAL, CHIP 39K 0.50% 1/16W
R11	1-218-720-11	s	METAL 15K 0.50% 1/16W
R12	1-218-844-11	s	METAL, CHIP 750 0.50% 1/16W
R13	1-218-668-11	s	METAL 100 0.50% 1/16W
R14	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R20	1-218-692-11	s	METAL, CHIP 1K 0.50% 1/16W
R25	1-218-684-11	s	METAL, CHIP 470 0.50% 1/16W
R28	1-218-698-11	s	METAL 1.8K 0.50% 1/16W
R29	1-218-694-11	s	METAL, CHIP 1.2K 0.50% 1/16W
R30	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R31	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R32	1-218-866-11	s	METAL, CHIP 6.2K 0.50% 1/16W
R33	1-218-668-11	s	METAL 100 0.50% 1/16W
R34	1-218-698-11	s	METAL 1.8K 0.50% 1/16W
R35	1-218-740-11	s	METAL 100K 0.50% 1/16W
R36	1-211-981-11	s	METAL, CHIP 33 0.50% 1/16W
R37	1-218-866-11	s	METAL, CHIP 6.2K 0.50% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R38	1-218-694-11 s	METAL, CHIP 1.2K 0.50% 1/16W
R39	1-211-969-11 s	METAL, CHIP 10 0.50% 1/16W
R40	1-218-698-11 s	METAL 1.8K 0.50% 1/16W
R41	1-218-668-11 s	METAL 100 0.50% 1/16W
R42	1-218-866-11 s	METAL, CHIP 6.2K 0.50% 1/16W
R43	1-211-981-11 s	METAL, CHIP 33 0.50% 1/16W
R44	1-218-698-11 s	METAL 1.8K 0.50% 1/16W
R47	1-218-720-11 s	METAL 15K 0.50% 1/16W
R49	1-211-981-11 s	METAL, CHIP 33 0.50% 1/16W
R50	1-218-720-11 s	METAL 15K 0.50% 1/16W
R59	1-218-716-11 s	METAL 10K 0.50% 1/16W
R60	1-218-732-11 s	METAL 47K 0.50% 1/16W
R62	1-218-845-11 s	METAL, CHIP 820 0.50% 1/16W
R64	1-218-694-11 s	METAL, CHIP 1.2K 0.50% 1/16W
R65	1-218-695-11 s	METAL 1.3K 0.50% 1/16W
R66	1-218-688-11 s	METAL 680 0.50% 1/16W
R67	1-218-845-11 s	METAL, CHIP 820 0.50% 1/16W
R69	1-218-694-11 s	METAL, CHIP 1.2K 0.50% 1/16W
R70	1-218-704-11 s	METAL 3.3K 0.50% 1/16W
R71	1-218-698-11 s	METAL 1.8K 0.50% 1/16W
R72	1-218-700-11 s	METAL 2.2K 0.50% 1/16W
R73	1-218-668-11 s	METAL 100 0.50% 1/16W
R74	1-218-668-11 s	METAL 100 0.50% 1/16W
R75	1-218-700-11 s	METAL 2.2K 0.50% 1/16W
R76	1-216-853-11 s	METAL, CHIP 470K 5% 1/16W
R77	1-216-853-11 s	METAL, CHIP 470K 5% 1/16W
R78	1-218-740-11 s	METAL 100K 0.50% 1/16W
R79	1-218-740-11 s	METAL 100K 0.50% 1/16W
R80	1-211-969-11 s	METAL, CHIP 10 0.50% 1/16W
R81	1-211-969-11 s	METAL, CHIP 10 0.50% 1/16W
R82	1-218-881-11 s	METAL, CHIP 27K 0.50% 1/16W
R83	1-218-736-11 s	METAL 68K 0.50% 1/16W
R84	1-218-684-11 s	METAL, CHIP 470 0.50% 1/16W
R85	1-218-851-11 s	METAL, CHIP 1.5K 0.50% 1/16W
R86	1-218-708-11 s	METAL 4.7K 0.50% 1/16W
R87	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R92	1-218-729-11 s	METAL 36K 0.50% 1/16W
R93	1-218-740-11 s	METAL 100K 0.50% 1/16W
R94	1-218-692-11 s	METAL, CHIP 1K 0.50% 1/16W
R97	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R99	1-218-723-11 s	METAL 20K 0.50% 1/16W
R103	1-211-981-11 s	METAL, CHIP 33 0.50% 1/16W
R104	1-218-720-11 s	METAL 15K 0.50% 1/16W
R105	1-218-698-11 s	METAL 1.8K 0.50% 1/16W
R106	1-211-981-11 s	METAL, CHIP 33 0.50% 1/16W
R107	1-218-720-11 s	METAL 15K 0.50% 1/16W
R108	1-218-698-11 s	METAL 1.8K 0.50% 1/16W
R109	1-211-969-11 s	METAL, CHIP 10 0.50% 1/16W
R110	1-215-452-00 s	METAL 20K 1% 1/6W
RV1	1-241-263-11 s	RES, ADJ, METAL 5K

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Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8311-121-A o	MOUNTED CIRCUIT BOARD, PR-216
3pcs	3-729-061-01 s	SCREW (M2X4.5) (TYPE 1)
3pcs	7-621-772-18 s	SCREW +B 2X4
C401	1-111-253-11 s	TANTALUM 100uF 20% 6.3V
C402	1-164-156-11 s	CERAMIC 0.1uF 25V
C404	1-164-156-11 s	CERAMIC 0.1uF 25V
C405	1-164-156-11 s	CERAMIC 0.1uF 25V
C406	1-164-156-11 s	CERAMIC 0.1uF 25V
C407	1-164-156-11 s	CERAMIC 0.1uF 25V
C409	1-113-642-11 s	TANTALUM 47uF 20% 10V
C410	1-113-642-11 s	TANTALUM 47uF 20% 10V
C411	1-113-642-11 s	TANTALUM 47uF 20% 10V
C412	1-164-156-11 s	CERAMIC 0.1uF 25V
C413	1-164-156-11 s	CERAMIC 0.1uF 25V
C414	1-164-156-11 s	CERAMIC 0.1uF 25V
C415	1-164-156-11 s	CERAMIC 0.1uF 25V
C416	1-164-156-11 s	CERAMIC 0.1uF 25V
C417	1-111-253-11 s	TANTALUM 100uF 20% 6.3V
C418	1-111-253-11 s	TANTALUM 100uF 20% 6.3V
C419	1-164-156-11 s	CERAMIC 0.1uF 25V
C420	1-164-156-11 s	CERAMIC 0.1uF 25V
C421	1-164-156-11 s	CERAMIC 0.1uF 25V
C422	1-164-156-11 s	CERAMIC 0.1uF 25V
C424	1-164-156-11 s	CERAMIC 0.1uF 25V
C425	1-164-156-11 s	CERAMIC 0.1uF 25V
C426	1-164-156-11 s	CERAMIC 0.1uF 25V
C427	1-164-156-11 s	CERAMIC 0.1uF 25V
C428	1-111-253-11 s	TANTALUM 100uF 20% 6.3V
C429	1-111-253-11 s	TANTALUM 100uF 20% 6.3V
C430	1-164-156-11 s	CERAMIC 0.1uF 25V
C431	1-164-156-11 s	CERAMIC 0.1uF 25V
C432	1-164-156-11 s	CERAMIC 0.1uF 25V
C433	1-164-156-11 s	CERAMIC 0.1uF 25V
C434	1-164-156-11 s	CERAMIC 0.1uF 25V
C435	1-164-156-11 s	CERAMIC 0.1uF 25V
C436	1-164-156-11 s	CERAMIC 0.1uF 25V
C437	1-164-156-11 s	CERAMIC 0.1uF 25V
C440	1-164-156-11 s	CERAMIC 0.1uF 25V
C441	1-164-156-11 s	CERAMIC 0.1uF 25V
C442	1-164-156-11 s	CERAMIC 0.1uF 25V
C443	1-164-156-11 s	CERAMIC 0.1uF 25V
C444	1-164-156-11 s	CERAMIC 0.1uF 25V
C445	1-164-156-11 s	CERAMIC 0.1uF 25V
C446	1-164-156-11 s	CERAMIC 0.1uF 25V
C447	1-113-682-11 s	TANTALUM CHIP 33uF 20% 10V
C448	1-104-851-11 s	TANTALUM, CHIP 10uF 20% 10V
C449	1-113-682-11 s	TANTALUM CHIP 33uF 20% 10V
C450	1-104-851-11 s	TANTALUM, CHIP 10uF 20% 10V
C451	1-113-682-11 s	TANTALUM CHIP 33uF 20% 10V
C452	1-104-851-11 s	TANTALUM, CHIP 10uF 20% 10V
C455	1-164-156-11 s	CERAMIC 0.1uF 25V
C456	1-111-253-11 s	TANTALUM 100uF 20% 6.3V
C457	1-111-253-11 s	TANTALUM 100uF 20% 6.3V
C458	1-164-156-11 s	CERAMIC 0.1uF 25V
C459	1-164-156-11 s	CERAMIC 0.1uF 25V
C460	1-164-156-11 s	CERAMIC 0.1uF 25V
C461	1-104-851-11 s	TANTALUM, CHIP 10uF 20% 10V
C462	1-104-851-11 s	TANTALUM, CHIP 10uF 20% 10V

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Ref. No. or Q'ty	Part No.	SP Description
C463	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C464	1-135-210-11	s TANTALUM 4.7uF 10% 10V
C465	1-164-156-11	s CERAMIC 0.1uF 25V
C466	1-164-156-11	s CERAMIC 0.1uF 25V
C467	1-164-156-11	s CERAMIC 0.1uF 25V
C468	1-164-156-11	s CERAMIC 0.1uF 25V
C469	1-164-156-11	s CERAMIC 0.1uF 25V
C473	1-164-156-11	s CERAMIC 0.1uF 25V
C474	1-164-156-11	s CERAMIC 0.1uF 25V
C475	1-164-156-11	s CERAMIC 0.1uF 25V
C476	1-164-156-11	s CERAMIC 0.1uF 25V
C477	1-164-156-11	s CERAMIC 0.1uF 25V
C478	1-164-156-11	s CERAMIC 0.1uF 25V
C479	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C480	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C481	1-164-156-11	s CERAMIC 0.1uF 25V
C482	1-164-156-11	s CERAMIC 0.1uF 25V
C483	1-164-156-11	s CERAMIC 0.1uF 25V
C487	1-111-253-11	s TANTALUM 100uF 20% 6.3V
C488	1-164-156-11	s CERAMIC 0.1uF 25V
C490	1-111-253-11	s TANTALUM 100uF 20% 6.3V
C491	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C492	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C497	1-164-156-11	s CERAMIC 0.1uF 25V
C498	1-164-156-11	s CERAMIC 0.1uF 25V
C499	1-164-156-11	s CERAMIC 0.1uF 25V
C500	1-164-156-11	s CERAMIC 0.1uF 25V
C501	1-164-156-11	s CERAMIC 0.1uF 25V
C502	1-164-156-11	s CERAMIC 0.1uF 25V
C503	1-164-156-11	s CERAMIC 0.1uF 25V
C504	1-164-156-11	s CERAMIC 0.1uF 25V
D401	8-719-029-63	s DIODE RD4.3UH-T1
D402	8-719-029-63	s DIODE RD4.3UH-T1
FL401	1-233-753-21	s FILTER, LOW PASS
IC401	8-759-095-59	s IC M5237ML-TP1
IC402	8-759-173-16	s IC TL062CPW
IC403	8-759-049-86	s IC SN74HCT244APW-E20
IC404	8-759-079-49	s IC TC74VHC04FS(EL)
IC406	8-752-360-44	s IC CXK1203AR
IC407	8-752-360-44	s IC CXK1203AR
IC408	8-752-360-44	s IC CXK1203AR
IC409	8-752-360-44	s IC CXK1203AR
IC412	8-752-334-64	s IC CXD1171M
IC413	8-759-196-96	s IC TC7SH08FU-TE85R
IC414	8-759-080-02	s IC TC74VHC541FS(EL)
IC415	8-759-080-02	s IC TC74VHC541FS(EL)
IC416	8-759-080-02	s IC TC74VHC541FS(EL)
IC417	8-759-080-02	s IC TC74VHC541FS(EL)
IC418	8-759-076-06	s IC TL064CPW
IC423	8-759-049-86	s IC SN74HCT244APW-E20
IC424	8-759-079-49	s IC TC74VHC04FS(EL)
IC425	8-759-079-61	s IC TC74VHC74FS(EL)
IC426	8-759-079-78	s IC TC74VHC165FS(EL)
IC427	8-759-079-78	s IC TC74VHC165FS(EL)
IC428	8-759-079-61	s IC TC74VHC74FS(EL)
IC429	8-759-196-93	s IC TC7SH00FU-TE85R

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Ref. No. or Q'ty	Part No.	SP Description
L401	1-424-643-11	s COIL, CHOKE 10UH
Q401	8-729-101-07	s TRANSISTOR 2SB798
Q402	8-729-101-07	s TRANSISTOR 2SB798
Q403	8-729-807-51	s TRANSISTOR 2SD1623-S
Q404	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR
Q405	8-729-402-84	s TRANSISTOR XN4601
R401	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R402	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R403	1-218-886-11	s METAL, CHIP 43K 0.50% 1/16W
R405	1-218-720-11	s METAL 15K 0.50% 1/16W
R406	1-218-730-11	s METAL, CHIP 39K 0.50% 1/16W
R408	1-218-729-11	s METAL 36K 0.50% 1/16W
R409	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R411	1-216-797-11	s METAL, CHIP 10 5% 1/16W
R412	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R413	1-216-797-11	s METAL, CHIP 10 5% 1/16W
R415	1-218-698-11	s METAL 1.8K 0.50% 1/16W
R416	1-218-724-11	s METAL 22K 0.50% 1/16W
R417	1-218-873-11	s METAL, CHIP 12K 0.50% 1/16W
R418	1-218-676-11	s METAL 220 0.50% 1/16W
R419	1-218-676-11	s METAL 220 0.50% 1/16W
R420	1-218-698-11	s METAL 1.8K 0.50% 1/16W
R421	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R422	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R424	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R425	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R426	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R429	1-218-676-11	s METAL 220 0.50% 1/16W
R430	1-218-716-11	s METAL 10K 0.50% 1/16W
R431	1-218-716-11	s METAL 10K 0.50% 1/16W
R434	1-218-883-11	s METAL 33K 0.50% 1/16W
R435	1-218-883-11	s METAL 33K 0.50% 1/16W
R436	1-218-716-11	s METAL 10K 0.50% 1/16W
R437	1-218-716-11	s METAL 10K 0.50% 1/16W
R440	1-218-883-11	s METAL 33K 0.50% 1/16W
R441	1-218-883-11	s METAL 33K 0.50% 1/16W
R442	1-218-716-11	s METAL 10K 0.50% 1/16W
R443	1-218-716-11	s METAL 10K 0.50% 1/16W
R447	1-218-883-11	s METAL 33K 0.50% 1/16W
R448	1-218-883-11	s METAL 33K 0.50% 1/16W
R451	1-218-867-11	s METAL, CHIP 6.8K 0.50% 1/16W
R452	1-218-867-11	s METAL, CHIP 6.8K 0.50% 1/16W
R453	1-218-867-11	s METAL, CHIP 6.8K 0.50% 1/16W
R454	1-218-867-11	s METAL, CHIP 6.8K 0.50% 1/16W
R455	1-218-867-11	s METAL, CHIP 6.8K 0.50% 1/16W
R456	1-218-867-11	s METAL, CHIP 6.8K 0.50% 1/16W
R457	1-218-730-11	s METAL, CHIP 39K 0.50% 1/16W
R458	1-218-730-11	s METAL, CHIP 39K 0.50% 1/16W
R459	1-218-730-11	s METAL, CHIP 39K 0.50% 1/16W
R460	1-218-730-11	s METAL, CHIP 39K 0.50% 1/16W
R461	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R462	1-216-797-11	s METAL, CHIP 10 5% 1/16W
R463	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R464	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R465	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R466	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R467	1-216-819-11	s METAL, CHIP 680 5% 1/16W
R468	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R469	1-216-805-11 s	METAL, CHIP 47 5% 1/16W
R472	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R473	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R474	1-218-708-11 s	METAL 4.7K 0.50% 1/16W
R476	1-216-797-11 s	METAL, CHIP 10 5% 1/16W
R477	1-216-845-11 s	METAL, CHIP 100K 5% 1/16W
R478	1-216-845-11 s	METAL, CHIP 100K 5% 1/16W
R479	1-216-845-11 s	METAL, CHIP 100K 5% 1/16W
R480	1-216-845-11 s	METAL, CHIP 100K 5% 1/16W
R481	1-216-819-11 s	METAL, CHIP 680 5% 1/16W
R482	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
RB401	1-239-306-11 s	RESISTOR BLOCK, CHIP 10KX8
RB402	1-239-306-11 s	RESISTOR BLOCK, CHIP 10KX8
RB403	1-239-306-11 s	RESISTOR BLOCK, CHIP 10KX8
RB404	1-239-306-11 s	RESISTOR BLOCK, CHIP 10KX8
RB405	1-236-904-11 s	RESISTOR, BLOCK CHIP 1K
RB406	1-236-904-11 s	RESISTOR, BLOCK CHIP 1K
RB407	1-236-908-11 s	RESISTOR, NETWORK, CHIP 10k
RB408	1-236-907-11 s	RESISTOR BLOCK, CHIP 100KX4
RB409	1-239-409-11 s	NETWORK, RESISTOR (CHIP TYPE)
RB410	1-239-306-11 s	RESISTOR BLOCK, CHIP 10KX8
RB411	1-239-419-11 s	NETWORK RESISTOR (CHIP) 470
RB412	1-239-419-11 s	NETWORK RESISTOR (CHIP) 470
RB413	1-239-419-11 s	NETWORK RESISTOR (CHIP) 470
RB414	1-239-419-11 s	NETWORK RESISTOR (CHIP) 470
RB415	1-239-419-11 s	NETWORK RESISTOR (CHIP) 470
RB416	1-239-419-11 s	NETWORK RESISTOR (CHIP) 470
RB417	1-239-419-11 s	NETWORK RESISTOR (CHIP) 470
RB418	1-239-419-11 s	NETWORK RESISTOR (CHIP) 470
RB420	1-239-409-11 s	NETWORK, RESISTOR (CHIP TYPE)
RB422	1-236-907-11 s	RESISTOR BLOCK, CHIP 100KX4
RB423	1-236-907-11 s	RESISTOR BLOCK, CHIP 100KX4
RB424	1-236-907-11 s	RESISTOR BLOCK, CHIP 100KX4
RB425	1-236-907-11 s	RESISTOR BLOCK, CHIP 100KX4
RB426	1-236-907-11 s	RESISTOR BLOCK, CHIP 100KX4
RB427	1-236-907-11 s	RESISTOR BLOCK, CHIP 100KX4
RB428	1-236-907-11 s	RESISTOR BLOCK, CHIP 100KX4
RB429	1-236-907-11 s	RESISTOR BLOCK, CHIP 100KX4

SE-366 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-663-031-11 o	PRINTED CIRCUIT BOARD, SE-366
CN1	1-573-806-21 s	PIN, CONNECTOR (1.5MM) (SMD) 6P
PH1	8-749-925-05 s	REFLECTOR NJL5183KA-F20-TE1
PH2	8-749-925-05 s	REFLECTOR NJL5183KA-F20-TE1

SW-790 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8311-119-A o	MOUNTED CIRCUIT BOARD, SW-790
5pcs	4-937-336-42 s	HOLDER, LED
5pcs	3-604-357-01 o	KNOB(L), SW
C1	1-104-851-11 s	TANTALUM, CHIP 10uF 20% 10V
C2	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 50V
C3	1-104-851-11 s	TANTALUM, CHIP 10uF 20% 10V
C4	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 50V
C5	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 50V
C6	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 50V
C7	1-135-149-21 s	TANTALUM, CHIP 2.2uF 10% 10V
CN1	1-690-107-11 o	CONNECTOR, 12P FEMALE
D1	8-719-970-06 s	DIODE MPR3371X-150
D2	8-719-970-06 s	DIODE MPR3371X-150
D3	8-719-970-07 s	DIODE MPG3371X-150
D4	8-719-970-06 s	DIODE MPR3371X-150
D5	8-719-970-06 s	DIODE MPR3371X-150
D6	8-719-800-76 s	DIODE 1SS226
FB1	1-414-135-11 s	INDUCTOR CHIP 0uH
FB2	1-414-135-11 s	INDUCTOR CHIP 0uH
IC1	8-759-268-29 s	IC SN74HC595ANS
IC2	8-759-926-25 s	IC SN74HC165NS
IC3	8-759-926-25 s	IC SN74HC165NS
IC4	8-759-432-66 s	IC TC7W74F(TE12R)
L1	1-412-955-11 s	INDUCTOR 22uH
L2	1-412-955-11 s	INDUCTOR 22uH
Q1	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q2	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q3	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q4	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q5	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
R1	1-216-049-91 s	METAL 1K 5% 1/10W
R2	1-216-049-91 s	METAL 1K 5% 1/10W
R3	1-216-049-91 s	METAL 1K 5% 1/10W
R4	1-216-049-91 s	METAL 1K 5% 1/10W
R5	1-216-049-91 s	METAL 1K 5% 1/10W
R6	1-216-097-91 s	METAL 100K 5% 1/10W
R7	1-216-097-91 s	METAL 100K 5% 1/10W
R8	1-216-097-91 s	METAL 100K 5% 1/10W
R9	1-216-097-91 s	METAL 100K 5% 1/10W
R10	1-216-097-91 s	METAL 100K 5% 1/10W
R11	1-216-097-91 s	METAL 100K 5% 1/10W
R12	1-216-097-91 s	METAL 100K 5% 1/10W
R13	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R14	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R15	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R16	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R17	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R18	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R19	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R20	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R21	1-216-097-91 s	METAL 100K 5% 1/10W
R22	1-216-097-91 s	METAL 100K 5% 1/10W
R23	1-216-097-91 s	METAL 100K 5% 1/10W
R24	1-216-097-91 s	METAL 100K 5% 1/10W
R25	1-216-097-91 s	METAL 100K 5% 1/10W

(SW-790 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R26	1-216-097-91 s	METAL 100K 5% 1/10W
R27	1-216-097-91 s	METAL 100K 5% 1/10W
R28	1-216-097-91 s	METAL 100K 5% 1/10W
R29	1-216-097-91 s	METAL 100K 5% 1/10W
R30	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R31	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R32	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R33	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R34	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R35	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R36	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R37	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R38	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R39	1-216-097-91 s	METAL 100K 5% 1/10W
R40	1-216-049-91 s	METAL 1K 5% 1/10W
R41	1-216-049-91 s	METAL 1K 5% 1/10W
R42	1-216-097-91 s	METAL 100K 5% 1/10W
R43	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R44	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R45	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R46	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R47	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
S1	1-554-303-21 s	SWITCH, TACTILE
S2	1-554-592-21 s	SWITCH, PUSH
S3	1-554-592-21 s	SWITCH, PUSH
S4	1-570-859-11 s	SWITCH, SLIDE
S5	1-554-303-21 s	SWITCH, TACTILE
S6	1-570-851-11 s	SWITCH, SLIDE
S7	1-554-303-21 s	SWITCH, TACTILE
S8	1-570-859-11 s	SWITCH, SLIDE
S9	1-570-859-11 s	SWITCH, SLIDE
S10	1-570-859-11 s	SWITCH, SLIDE
S11	1-554-303-21 s	SWITCH, TACTILE
S12	1-554-303-21 s	SWITCH, TACTILE
S13	1-553-875-00 s	SWITCH, RUBBER
S14	1-553-875-00 s	SWITCH, RUBBER
S15	1-553-875-00 s	SWITCH, RUBBER
S16	1-553-875-00 s	SWITCH, RUBBER

SW-791 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8311-115-A o	MOUNTED CIRCUIT BOARD, SW-791
CN101	1-566-765-11 o	PIN, CONNECTOR 10P
R101	1-216-049-91 s	METAL 1K 5% 1/10W
R102	1-216-049-91 s	METAL 1K 5% 1/10W
R103	1-216-049-91 s	METAL 1K 5% 1/10W
R104	1-216-049-91 s	METAL 1K 5% 1/10W
R105	1-216-049-91 s	METAL 1K 5% 1/10W
R106	1-216-049-91 s	METAL 1K 5% 1/10W
R107	1-216-049-91 s	METAL 1K 5% 1/10W
R108	1-216-049-91 s	METAL 1K 5% 1/10W
R109	1-216-049-91 s	METAL 1K 5% 1/10W
S101	1-762-123-11 s	SWITCH, TOGGLE
S102	1-762-123-11 s	SWITCH, TOGGLE
S103	1-762-123-11 s	SWITCH, TOGGLE
S104	1-762-531-11 s	SWITCH, TOGGLE
S105	1-553-510-11 s	SWITCH, SLIDE

SW-792 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8311-131-A o	MOUNTED CIRCUIT BOARD, SW-792
1pc	3-604-390-01 s	KNOB, VR
1pc	7-621-732-09 s	SET-SCT HEX. 2X3 WP
C201	1-163-038-91 s	CERAMIC 0.1uF 25V
C202	1-104-851-11 s	TANTALUM, CHIP 10uF 20% 10V
CN201	1-565-879-11 s	PIN, CONNECTOR (PC BOARD) 7P
R201	1-216-049-91 s	METAL 1K 5% 1/10W
R202	1-216-049-91 s	METAL 1K 5% 1/10W
R203	1-216-049-91 s	METAL 1K 5% 1/10W
R204	1-216-049-91 s	METAL 1K 5% 1/10W
R205	1-216-049-91 s	METAL 1K 5% 1/10W
RV201	1-223-684-11 s	RES, VAR, CARBON 5K
S201	1-570-984-11 s	SWITCH, TOGGLE
S202	1-692-313-11 s	SWITCH, KEY BOARD
S203	1-553-875-00 s	SWITCH, RUBBER
S204	1-570-993-11 s	SWITCH, TACT

SW-793 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8311-132-A	o MOUNTED CIRCUIT BOARD, SW-793
1pc	1-543-751-11	o CORE (TROIDAL)
1pc	1-560-372-00	o CONTACT, AWG22-28
1pc	1-561-516-00	o CONNECTOR HOUSING, ILG (4P)
3pcs	1-565-977-11	s CONTACT, FEMALE AWG 28-32
1pc	1-565-979-11	o HOUSING, 8P
2pcs	1-569-679-11	o CONTACT, FEMALE
1pc	1-956-513-11	o HARNESS, SUB (POWER)
1pc	1-956-522-11	o HARNESS, SUB (SW793)
C301	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C302	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V
C303	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V
C304	1-128-528-11	s ELECT 470uF 20% 25V
CB301	△ 1-532-681-00	s CIRCUIT BREAKER 4A 125V
CN301	1-506-703-11	o CONNECTOR POST HEADER, ILG (4P)
CN304	1-566-763-11	o PIN, CONNECTOR 8P
D301	8-719-911-55	s DIODE U05G
IC301	8-759-926-25	s IC SN74HC165NS
IC302	8-759-926-25	s IC SN74HC165NS
L301	1-412-955-11	s INDUCTOR 22uH
R301	1-216-097-91	s METAL 100K 5% 1/10W
R302	1-216-097-91	s METAL 100K 5% 1/10W
R303	1-216-097-91	s METAL 100K 5% 1/10W
R304	1-216-097-91	s METAL 100K 5% 1/10W
R305	1-216-097-91	s METAL 100K 5% 1/10W
R306	1-216-097-91	s METAL 100K 5% 1/10W
R307	1-216-097-91	s METAL 100K 5% 1/10W
R308	1-216-097-91	s METAL 100K 5% 1/10W
R309	1-216-097-91	s METAL 100K 5% 1/10W
R310	1-216-097-91	s METAL 100K 5% 1/10W
R311	1-216-097-91	s METAL 100K 5% 1/10W
R312	1-216-097-91	s METAL 100K 5% 1/10W
R313	1-216-097-91	s METAL 100K 5% 1/10W
R314	1-216-097-91	s METAL 100K 5% 1/10W
R315	1-216-097-91	s METAL 100K 5% 1/10W
R316	1-216-097-91	s METAL 100K 5% 1/10W
R317	1-216-097-91	s METAL 100K 5% 1/10W
R318	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R319	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R320	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
S301	1-762-348-11	s SWITCH, TOGGLE
S302	1-762-347-11	s SWITCH, TOGGLE
W302	1-956-516-11	o HARNESS, SUB (SW791)
W303	1-956-520-11	o HARNESS, SUB (SW792)

TG-175/175(P) BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8311-107-A	o MOUNTED CIRCUIT BOARD, TG-175 [for J,UC]
1pc	A-8311-145-A	o MOUNTED CIRCUIT BOARD, TG-175(P) [for CE]
C1	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C2	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C3	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C4	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C5	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C6	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C7	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C9	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C10	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C11	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C12	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C13	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C14	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C15	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C16	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C17	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C18	1-164-156-11	s CERAMIC 0.1uF 25V
C19	1-104-823-11	s TANTALUM, CHIP 47uF 20% 16V
C20	1-164-156-11	s CERAMIC 0.1uF 25V
C21	1-164-156-11	s CERAMIC 0.1uF 25V
C22	1-164-156-11	s CERAMIC 0.1uF 25V
C23	1-164-156-11	s CERAMIC 0.1uF 25V
C24	1-126-396-11	s ELECT, CHIP 47uF 20% 16V
C25	1-126-393-11	s ELECT 33uF 20% 10V
C26	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C27	1-126-405-11	s ELECT 10uF 20% 50V
C29	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C30	1-164-156-11	s CERAMIC 0.1uF 25V
C31	1-104-920-11	s TANTALUM 4.7uF 20% 35V
C32	1-126-400-11	s ELECT, CHIP 22uF 20% 35V
C33	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C34	1-126-397-11	s ELECT, CHIP 33uF 20% 25V
C35	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C36	1-164-156-11	s CERAMIC 0.1uF 25V
C37	1-104-920-11	s TANTALUM 4.7uF 20% 35V
C38	1-126-397-11	s ELECT, CHIP 33uF 20% 25V
C39	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C40	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C41	1-164-156-11	s CERAMIC 0.1uF 25V
C42	1-104-823-11	s TANTALUM, CHIP 47uF 20% 16V
C43	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C44	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C45	1-113-500-11	s TANTALUM 100uF 20% 10V
C46	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C47	1-162-964-11	s CERAMIC 0.001uF 10% 50V
C48	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C49	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C50	1-104-852-11	s TANTALUM, CHIP 22uF 20% 10V
C51	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C52	1-107-910-11	s ELECT 100uF 20% 50V
C54	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C55	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C56	1-162-964-11	s CERAMIC 0.001uF 10% 50V
C57	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C58	1-104-852-11	s TANTALUM, CHIP 22uF 20% 10V

(TG-175/175(P) BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C59	1-162-964-11 s	CERAMIC 0.001uF 10% 50V
C60	1-162-964-11 s	CERAMIC 0.001uF 10% 50V
C61	1-162-964-11 s	CERAMIC 0.001uF 10% 50V
C62	1-162-970-11 s	CERAMIC, CHIP 0.01uF 10% 25V
C63	1-113-987-11 s	TANTALUM 4.7uF 20% 25V
C64	1-104-919-11 s	TANTALUM, CHIP 10uF 20% 25V
C65	1-164-156-11 s	CERAMIC 0.1uF 25V
C66	1-164-156-11 s	CERAMIC 0.1uF 25V
C67	1-164-156-11 s	CERAMIC 0.1uF 25V
C68	1-104-823-11 s	TANTALUM, CHIP 47uF 20% 16V
C70	1-135-181-21 s	TANTALUM, CHIP 4.7uF 10% 6.3V
C71	1-135-181-21 s	TANTALUM, CHIP 4.7uF 10% 6.3V
C72	1-107-686-11 s	TANTALUM, CHIP 4.7uF 20% 16V
C73	1-113-682-11 s	TANTALUM CHIP 33uF
C74	1-107-686-11 s	TANTALUM, CHIP 4.7uF 20% 16V
C76	1-164-156-11 s	CERAMIC 0.1uF 25V
C77	1-113-991-11 s	TANTALUM 33uF 20% 16V
C78	1-162-970-11 s	CERAMIC, CHIP 0.01uF 10% 25V
C79	1-162-964-11 s	CERAMIC 0.001uF 10% 50V
C80	1-164-156-11 s	CERAMIC 0.1uF 25V
C81	1-164-156-11 s	CERAMIC 0.1uF 25V
C82	1-164-156-11 s	CERAMIC 0.1uF 25V
C83	1-104-823-11 s	TANTALUM, CHIP 47uF 20% 16V
C84	1-104-652-11 s	ELECT 470uF 20% 10V
C85	1-128-528-11 s	ELECT 470uF 20% 25V
C86	1-126-400-11 s	ELECT, CHIP 22uF 20% 35V
C87	1-104-823-11 s	TANTALUM, CHIP 47uF 20% 16V
C88	1-162-970-11 s	CERAMIC, CHIP 0.01uF 10% 25V
C91	1-162-970-11 s	CERAMIC, CHIP 0.01uF 10% 25V
C92	1-104-823-11 s	TANTALUM, CHIP 47uF 20% 16V
C93	1-131-377-00 s	TANTALUM 10uF 10% 10V
CN1	1-569-035-11 o	CONNECTOR, FPC (ZIF) 30P
CN2	1-766-383-11 o	CONNECTOR (1.5MM) (SMD) 12P MALE
CN3	1-766-382-11 o	CONNECTOR (1.5MM) (SMD) 10P MALE
CN4	1-764-007-11 s	PIN, CONNECTOR (SMD) 12P
CN5	1-764-007-11 s	PIN, CONNECTOR (SMD) 12P
CN6	1-766-383-11 o	CONNECTOR (1.5MM) (SMD) 12P MALE
CN7	1-766-383-11 o	CONNECTOR (1.5MM) (SMD) 12P MALE
CN8	1-573-806-21 s	PIN, CONNECTOR (1.5MM) (SMD) 6P
CN9	1-568-336-11 s	CONNECTOR, BOARD TO BOARD 20P
CN10	1-695-320-21 o	CONNECTOR (1.5MM) (SMD) 2P MALE
CN11	1-568-331-11 s	CONNECTOR, BOARD TO BOARD 10P
CN12	1-568-331-11 s	CONNECTOR, BOARD TO BOARD 10P
CP1	1-760-278-11 s	OSCILLATOR, CRYSTAL (VCO TYPE) [for J, UC]
CP1	1-767-206-11 s	OSCILLATOR, CRYSTAL 28.5MHz [for CE]
D1	8-719-029-63 s	DIODE RD4.3UH-T1
D2	8-719-029-63 s	DIODE RD4.3UH-T1
D5	8-719-059-51 s	DIODE MA3J142EOLSO
D6	8-719-059-51 s	DIODE MA3J142EOLSO
D7	8-719-059-51 s	DIODE MA3J142EOLSO
D8	8-719-059-51 s	DIODE MA3J142EOLSO
D9	8-719-938-78 s	DIODE SB10-05PCP
D10	8-719-938-78 s	DIODE SB10-05PCP
D11	8-719-059-51 s	DIODE MA3J142EOLSO
D12	8-719-938-78 s	DIODE SB10-05PCP

(TG-175/175(P) BOARD)

Ref. No. or Q'ty	Part No.	SP Description
FB1	1-543-775-11 s	FILTER, EMI
FB2	1-543-775-11 s	FILTER, EMI
FB3	1-543-775-11 s	FILTER, EMI
FB4	1-543-775-11 s	FILTER, EMI
FB5	1-543-775-11 s	FILTER, EMI
FB6	1-543-775-11 s	FILTER, EMI
FB7	1-543-775-11 s	FILTER, EMI
FB8	1-543-775-11 s	FILTER, EMI
IC1	8-759-095-56 s	IC X24C08SC7000
IC2	8-759-083-94 s	IC TC7W74FU
IC3	8-759-148-39 s	IC CXD8095Q
IC5	8-759-076-06 s	IC TL064CPW
IC6	8-759-076-06 s	IC TL064CPW
IC7	8-759-234-20 s	IC TC7S08F
IC8	8-759-234-20 s	IC TC7S08F
IC9	8-752-353-25 s	IC CXD1265R
IC10	8-759-082-58 s	IC TC7W08FU
IC11	8-759-082-58 s	IC TC7W08FU
IC12	8-759-049-60 s	IC SN74HC08APW-E05
IC13	8-759-635-27 s	IC M62352GP
IC14	8-759-172-33 s	IC UPD16502GS(1)
IC15	8-759-172-33 s	IC UPD16502GS(1)
IC16	8-759-172-33 s	IC UPD16502GS(1)
IC17	8-759-058-58 s	IC TC7S04FU(TE85R)
IC18	8-759-058-58 s	IC TC7S04FU(TE85R)
IC19	8-759-058-58 s	IC TC7S04FU(TE85R)
IC20	8-759-083-94 s	IC TC7W74FU
IC21	8-759-058-55 s	IC TC7S02FU-TE85L
IC22	8-759-185-42 s	IC LM4040AIM3-2.5
IC23	8-759-058-62 s	IC TC7S08FU(TE85R)
L1	1-410-389-31 s	INDUCTOR CHIP 47uH
L2	1-410-389-31 s	INDUCTOR CHIP 47uH
L3	1-410-389-31 s	INDUCTOR CHIP 47uH
L4	1-410-369-11 s	INDUCTOR CHIP 1uH
L5	1-410-377-31 s	INDUCTOR CHIP 4.7uH
L6	1-410-369-11 s	INDUCTOR CHIP 1uH
L7	1-410-389-31 s	INDUCTOR CHIP 47uH
L8	1-412-282-41 s	INDUCTOR 470uH
L9	1-410-389-31 s	INDUCTOR CHIP 47uH
L10	1-410-389-31 s	INDUCTOR CHIP 47uH
L11	1-410-369-11 s	INDUCTOR CHIP 1uH
L12	1-410-369-11 s	INDUCTOR CHIP 1uH
Q1	8-729-101-07 s	TRANSISTOR 2SB798
Q2	8-729-101-07 s	TRANSISTOR 2SB798
Q3	8-729-807-51 s	TRANSISTOR 2SD1623-S
Q4	8-729-101-07 s	TRANSISTOR 2SB798
Q5	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q6	8-729-101-07 s	TRANSISTOR 2SB798
Q7	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q8	8-729-101-07 s	TRANSISTOR 2SB798
Q9	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q10	8-729-216-22 s	TRANSISTOR 2SA1162
Q11	8-729-216-22 s	TRANSISTOR 2SA1162
Q12	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q13	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
R1	1-216-827-11 s	METAL, CHIP 3.3K 5% 1/16W
R2	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R3	1-216-839-11 s	METAL, CHIP 33K 5% 1/16W
R4	1-216-845-11 s	METAL, CHIP 100K 5% 1/16W
R5	1-216-797-11 s	METAL, CHIP 10 5% 1/16W
R6	1-216-797-11 s	METAL, CHIP 10 5% 1/16W
R7	1-216-797-11 s	METAL, CHIP 10 5% 1/16W
R8	1-216-797-11 s	METAL, CHIP 10 5% 1/16W
R9	1-216-797-11 s	METAL, CHIP 10 5% 1/16W
R10	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R11	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R12	1-218-838-11 s	METAL, CHIP 430 0.50% 1/16W
R13	1-218-838-11 s	METAL, CHIP 430 0.50% 1/16W
R14	1-218-838-11 s	METAL, CHIP 430 0.50% 1/16W
R15	1-216-797-11 s	METAL, CHIP 10 5% 1/16W
R16	1-216-797-11 s	METAL, CHIP 10 5% 1/16W
R17	1-216-797-11 s	METAL, CHIP 10 5% 1/16W
R19	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R20	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R21	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R22	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R23	1-218-716-11 s	METAL 10K 0.50% 1/16W
R24	1-218-716-11 s	METAL 10K 0.50% 1/16W
R25	1-218-732-11 s	METAL 47K 0.50% 1/16W
R26	1-218-722-11 s	METAL, CHIP 18K 0.50% 1/16W
R27	1-218-881-11 s	METAL, CHIP 27K 0.50% 1/16W
R28	1-218-725-11 s	METAL 24K 0.50% 1/16W
R29	1-218-736-11 s	METAL 68K 0.50% 1/16W
R30	1-216-825-11 s	METAL, CHIP 2.2K 5% 1/16W
R31	1-216-827-11 s	METAL, CHIP 3.3K 5% 1/16W
R32	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R33	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R34	1-218-741-11 s	METAL 110K 0.50% 1/16W
R35	1-218-716-11 s	METAL 10K 0.50% 1/16W
R36	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R37	1-216-827-11 s	METAL, CHIP 3.3K 5% 1/16W
R38	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R39	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R40	1-218-741-11 s	METAL 110K 0.50% 1/16W
R41	1-218-724-11 s	METAL 22K 0.50% 1/16W
R42	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R43	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R44	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R45	1-218-883-11 s	METAL 33K 0.50% 1/16W
R46	1-218-688-11 s	METAL 680 0.50% 1/16W
R47	1-218-725-11 s	METAL 24K 0.50% 1/16W
R48	1-216-845-11 s	METAL, CHIP 100K 5% 1/16W
R49	1-216-845-11 s	METAL, CHIP 100K 5% 1/16W
R50	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R52	1-216-845-11 s	METAL, CHIP 100K 5% 1/16W
R53	1-216-797-11 s	METAL, CHIP 10 5% 1/16W
R54	1-216-797-11 s	METAL, CHIP 10 5% 1/16W
R55	1-216-797-11 s	METAL, CHIP 10 5% 1/16W
R56	1-216-845-11 s	METAL, CHIP 100K 5% 1/16W
R57	1-216-825-11 s	METAL, CHIP 2.2K 5% 1/16W
R58	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R59	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R60	1-216-799-11 s	METAL, CHIP 15 5% 1/16W
R61	1-216-799-11 s	METAL, CHIP 15 5% 1/16W
R62	1-216-801-11 s	METAL, CHIP 22 5% 1/16W
R63	1-216-857-11 s	METAL, CHIP 1M 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R64	1-216-857-11 s	METAL, CHIP 1M 5% 1/16W
R65	1-216-857-11 s	METAL, CHIP 1M 5% 1/16W
R66	1-216-830-11 s	METAL, CHIP 5.6K 5% 1/16W
R67	1-216-846-11 s	METAL, CHIP 120K 5% 1/16W
R68	1-218-696-11 s	METAL 1.5K 0.50% 1/16W
R71	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R72	1-216-789-11 s	METAL, CHIP 2.2 5% 1/16W
R73	1-216-797-11 s	METAL, CHIP 10 5% 1/16W
R74	1-216-813-11 s	METAL, CHIP 220 5% 1/16W
R75	1-216-857-11 s	METAL, CHIP 1M 5% 1/16W
R76	1-216-857-11 s	METAL, CHIP 1M 5% 1/16W
R77	1-216-803-11 s	METAL, CHIP 33 5% 1/16W
R78	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R79	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R80	1-218-676-11 s	METAL 220 0.50% 1/16W
R81	1-218-676-11 s	METAL 220 0.50% 1/16W
R82	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R83	1-218-881-11 s	METAL, CHIP 27K 0.50% 1/16W
R84	1-216-789-11 s	METAL, CHIP 2.2 5% 1/16W
R85	1-216-789-11 s	METAL, CHIP 2.2 5% 1/16W
R87	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R88	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W

VA-169 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8311-123-A	o MOUNTED CIRCUIT BOARD, VA-169
3pcs	3-729-061-01	s SCREW (M2X4.5) (TYPE 1)
C1	1-104-823-11	s TANTALUM, CHIP 47uF 20% 16V
C2	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C3	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C4	1-164-156-11	s CERAMIC 0.1uF 25V
C5	1-164-156-11	s CERAMIC 0.1uF 25V
C6	1-164-156-11	s CERAMIC 0.1uF 25V
C7	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C8	1-110-569-11	s TANTALUM 47uF 20% 6.3V
C9	1-104-563-11	s FILM, CHIP 0.1uF 5% 16V
C10	1-104-563-11	s FILM, CHIP 0.1uF 5% 16V
C11	1-104-563-11	s FILM, CHIP 0.1uF 5% 16V
C12	1-162-957-11	s CERAMIC 220PF 5% 50V
C13	1-164-156-11	s CERAMIC 0.1uF 25V
C14	1-164-156-11	s CERAMIC 0.1uF 25V
C15	1-164-156-11	s CERAMIC 0.1uF 25V
C16	1-164-156-11	s CERAMIC 0.1uF 25V
C17	1-164-156-11	s CERAMIC 0.1uF 25V
C18	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C19	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C20	1-164-156-11	s CERAMIC 0.1uF 25V
C21	1-164-156-11	s CERAMIC 0.1uF 25V
C22	1-164-156-11	s CERAMIC 0.1uF 25V
C27	1-164-156-11	s CERAMIC 0.1uF 25V
C28	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C29	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C30	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C31	1-164-156-11	s CERAMIC 0.1uF 25V
C33	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C34	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C35	1-104-852-11	s TANTALUM, CHIP 22uF 20% 10V
C36	1-104-852-11	s TANTALUM, CHIP 22uF 20% 10V
C37	1-164-156-11	s CERAMIC 0.1uF 25V
C38	1-164-156-11	s CERAMIC 0.1uF 25V
C39	1-164-156-11	s CERAMIC 0.1uF 25V
C40	1-164-156-11	s CERAMIC 0.1uF 25V
C41	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C42	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C43	1-164-156-11	s CERAMIC 0.1uF 25V
C44	1-104-823-11	s TANTALUM, CHIP 47uF 20% 16V
C45	1-104-852-11	s TANTALUM, CHIP 22uF 20% 10V
C46	1-107-689-21	s TANTALUM 1uF 20% 35V
C47	1-164-156-11	s CERAMIC 0.1uF 25V
C48	1-164-156-11	s CERAMIC 0.1uF 25V
C49	1-164-156-11	s CERAMIC 0.1uF 25V
C50	1-164-156-11	s CERAMIC 0.1uF 25V
C51	1-164-156-11	s CERAMIC 0.1uF 25V
C52	1-164-156-11	s CERAMIC 0.1uF 25V
C53	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C101	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C102	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C103	1-164-156-11	s CERAMIC 0.1uF 25V
C104	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C105	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C106	1-162-916-11	s CERAMIC, CHIP 12PF 5% 50V
C107	1-164-156-11	s CERAMIC 0.1uF 25V
C108	1-164-156-11	s CERAMIC 0.1uF 25V

(VA-169 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C109	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C110	1-162-917-11	s CERAMIC, CHIP 15PF 5% 50V
C111	1-164-156-11	s CERAMIC 0.1uF 25V
C113	1-162-905-11	s CERAMIC 1PF 0.25PF 50V
C114	1-162-915-11	s CERAMIC, CHIP 10PF 0.5PF 50V
C115	1-162-915-11	s CERAMIC, CHIP 10PF 0.5PF 50V
C116	1-164-156-11	s CERAMIC 0.1uF 25V
C117	1-162-910-11	s CERAMIC 5PF 0.25PF 50V
C118	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C119	1-164-156-11	s CERAMIC 0.1uF 25V
C120	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C121	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C122	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C123	1-164-156-11	s CERAMIC 0.1uF 25V
C124	1-164-156-11	s CERAMIC 0.1uF 25V
C125	1-164-156-11	s CERAMIC 0.1uF 25V
C126	1-164-156-11	s CERAMIC 0.1uF 25V
C127	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C128	1-107-689-21	s TANTALUM 1uF 20% 35V
C129	1-164-156-11	s CERAMIC 0.1uF 25V
C130	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C131	1-164-156-11	s CERAMIC 0.1uF 25V
C132	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C133	1-164-156-11	s CERAMIC 0.1uF 25V
C134	1-164-156-11	s CERAMIC 0.1uF 25V
C135	1-164-156-11	s CERAMIC 0.1uF 25V
C136	1-107-689-21	s TANTALUM 1uF 20% 35V
C137	1-117-136-21	s ELECT 10uF 20% 6.3V
C138	1-164-156-11	s CERAMIC 0.1uF 25V
C139	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C140	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C141	1-162-907-11	s CERAMIC, CHIP 2PF 50V
C144	1-162-910-11	s CERAMIC 5PF 0.25PF 50V
C145	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C146	1-104-914-11	s TANTALUM 22uF 20% 16V
C147	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C148	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C149	1-117-139-21	s ELECT 2.2uF 20% 35V
C150	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C151	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C152	1-117-136-21	s ELECT 10uF 20% 6.3V
C153	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C154	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C155	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C156	1-164-156-11	s CERAMIC 0.1uF 25V
C157	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C158	1-164-156-11	s CERAMIC 0.1uF 25V
C159	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C160	1-164-156-11	s CERAMIC 0.1uF 25V
C161	1-164-156-11	s CERAMIC 0.1uF 25V
C162	1-164-156-11	s CERAMIC 0.1uF 25V
C163	1-164-156-11	s CERAMIC 0.1uF 25V
C164	1-164-156-11	s CERAMIC 0.1uF 25V
C165	1-110-569-11	s TANTALUM 47uF 20% 6.3V
C166	1-162-907-11	s CERAMIC, CHIP 2PF 50V
C168	1-162-915-11	s CERAMIC, CHIP 10PF 0.5PF 50V
C169	1-162-910-11	s CERAMIC 5PF 0.25PF 50V
C170	1-164-315-11	s CERAMIC 470PF 5% 50V
C171	1-162-925-11	s CERAMIC, CHIP 68PF 5% 50V

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Ref. No. or Q'ty	Part No.	SP Description
C201	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C202	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C203	1-164-156-11	s CERAMIC 0.1uF 25V
C204	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C205	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C206	1-162-916-11	s CERAMIC, CHIP 12PF 5% 50V
C207	1-164-156-11	s CERAMIC 0.1uF 25V
C208	1-164-156-11	s CERAMIC 0.1uF 25V
C209	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C210	1-162-917-11	s CERAMIC, CHIP 15PF 5% 50V
C211	1-164-156-11	s CERAMIC 0.1uF 25V
C213	1-162-905-11	s CERAMIC 1PF 0.25PF 50V
C214	1-162-915-11	s CERAMIC, CHIP 10PF 0.5PF 50V
C215	1-162-915-11	s CERAMIC, CHIP 10PF 0.5PF 50V
C216	1-164-156-11	s CERAMIC 0.1uF 25V
C217	1-162-910-11	s CERAMIC 5PF 0.25PF 50V
C218	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C219	1-164-156-11	s CERAMIC 0.1uF 25V
C220	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C221	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C222	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C223	1-164-156-11	s CERAMIC 0.1uF 25V
C224	1-164-156-11	s CERAMIC 0.1uF 25V
C225	1-164-156-11	s CERAMIC 0.1uF 25V
C226	1-164-156-11	s CERAMIC 0.1uF 25V
C227	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C228	1-107-689-21	s TANTALUM 1uF 20% 35V
C229	1-164-156-11	s CERAMIC 0.1uF 25V
C230	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C231	1-164-156-11	s CERAMIC 0.1uF 25V
C232	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C233	1-164-156-11	s CERAMIC 0.1uF 25V
C234	1-164-156-11	s CERAMIC 0.1uF 25V
C235	1-164-156-11	s CERAMIC 0.1uF 25V
C236	1-107-689-21	s TANTALUM 1uF 20% 35V
C237	1-117-136-21	s ELECT 10uF 20% 6.3V
C238	1-164-156-11	s CERAMIC 0.1uF 25V
C239	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C240	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C241	1-162-907-11	s CERAMIC, CHIP 2PF 50V
C244	1-162-910-11	s CERAMIC 5PF 0.25PF 50V
C245	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C246	1-104-914-11	s TANTALUM 22uF 20% 16V
C247	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C248	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C249	1-117-139-21	s ELECT 2.2uF 20% 35V
C250	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C251	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C252	1-117-136-21	s ELECT 10uF 20% 6.3V
C253	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C254	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C255	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C256	1-164-156-11	s CERAMIC 0.1uF 25V
C257	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C258	1-164-156-11	s CERAMIC 0.1uF 25V
C259	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C260	1-164-156-11	s CERAMIC 0.1uF 25V
C261	1-164-156-11	s CERAMIC 0.1uF 25V
C262	1-164-156-11	s CERAMIC 0.1uF 25V

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Ref. No. or Q'ty	Part No.	SP Description
C263	1-164-156-11	s CERAMIC 0.1uF 25V
C264	1-164-156-11	s CERAMIC 0.1uF 25V
C265	1-110-569-11	s TANTALUM 47uF 20% 6.3V
C266	1-162-907-11	s CERAMIC, CHIP 2PF 50V
C268	1-162-915-11	s CERAMIC, CHIP 10PF 0.5PF 50V
C269	1-162-910-11	s CERAMIC 5PF 0.25PF 50V
C270	1-164-315-11	s CERAMIC 470PF 5% 50V
C271	1-162-925-11	s CERAMIC, CHIP 68PF 5% 50V
C301	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C302	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C303	1-164-156-11	s CERAMIC 0.1uF 25V
C304	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C305	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C306	1-162-916-11	s CERAMIC, CHIP 12PF 5% 50V
C307	1-164-156-11	s CERAMIC 0.1uF 25V
C308	1-164-156-11	s CERAMIC 0.1uF 25V
C309	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C310	1-162-917-11	s CERAMIC, CHIP 15PF 5% 50V
C311	1-164-156-11	s CERAMIC 0.1uF 25V
C313	1-162-905-11	s CERAMIC 1PF 0.25PF 50V
C314	1-162-915-11	s CERAMIC, CHIP 10PF 0.5PF 50V
C315	1-162-915-11	s CERAMIC, CHIP 10PF 0.5PF 50V
C316	1-164-156-11	s CERAMIC 0.1uF 25V
C317	1-162-910-11	s CERAMIC 5PF 0.25PF 50V
C318	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C319	1-164-156-11	s CERAMIC 0.1uF 25V
C320	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C321	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C322	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C323	1-164-156-11	s CERAMIC 0.1uF 25V
C324	1-164-156-11	s CERAMIC 0.1uF 25V
C325	1-164-156-11	s CERAMIC 0.1uF 25V
C326	1-164-156-11	s CERAMIC 0.1uF 25V
C327	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C328	1-107-689-21	s TANTALUM 1uF 20% 35V
C329	1-164-156-11	s CERAMIC 0.1uF 25V
C330	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C331	1-164-156-11	s CERAMIC 0.1uF 25V
C332	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C333	1-164-156-11	s CERAMIC 0.1uF 25V
C334	1-164-156-11	s CERAMIC 0.1uF 25V
C335	1-164-156-11	s CERAMIC 0.1uF 25V
C336	1-107-689-21	s TANTALUM 1uF 20% 35V
C337	1-117-136-21	s ELECT 10uF 20% 6.3V
C338	1-164-156-11	s CERAMIC 0.1uF 25V
C339	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C340	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C341	1-162-907-11	s CERAMIC, CHIP 2PF 50V
C344	1-162-910-11	s CERAMIC 5PF 0.25PF 50V
C345	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C346	1-104-914-11	s TANTALUM 22uF 20% 16V
C347	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C348	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C349	1-117-139-21	s ELECT 2.2uF 20% 35V
C350	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C351	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C352	1-117-136-21	s ELECT 10uF 20% 6.3V
C353	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C354	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V

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Ref. No. or Q'ty	Part No.	SP Description
C355	1-113-682-11	s TANTALUM CHIP 33uF 20% 10V
C356	1-164-156-11	s CERAMIC 0.1uF 25V
C357	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C358	1-164-156-11	s CERAMIC 0.1uF 25V
C359	1-107-686-11	s TANTALUM, CHIP 4.7uF 20% 16V
C360	1-164-156-11	s CERAMIC 0.1uF 25V
C361	1-164-156-11	s CERAMIC 0.1uF 25V
C362	1-164-156-11	s CERAMIC 0.1uF 25V
C363	1-164-156-11	s CERAMIC 0.1uF 25V
C364	1-164-156-11	s CERAMIC 0.1uF 25V
C365	1-110-569-11	s TANTALUM 47uF 20% 6.3V
C366	1-162-907-11	s CERAMIC, CHIP 2PF 50V
C368	1-162-915-11	s CERAMIC, CHIP 10PF 0.5PF 50V
C369	1-162-910-11	s CERAMIC 5PF 0.25PF 50V
C370	1-164-315-11	s CERAMIC 470PF 5% 50V
C371	1-162-925-11	s CERAMIC, CHIP 68PF 5% 50V
D1	8-719-421-69	s DIODE MA133
D4	8-719-029-63	s DIODE RD4.3UH-T1
D5	8-719-029-63	s DIODE RD4.3UH-T1
D101	8-719-421-69	s DIODE MA133
D102	8-719-421-69	s DIODE MA133
D201	8-719-421-69	s DIODE MA133
D202	8-719-421-69	s DIODE MA133
D301	8-719-421-69	s DIODE MA133
D302	8-719-421-69	s DIODE MA133
FL101	1-233-342-11	s FILTER, TRAP
FL201	1-233-342-11	s FILTER, TRAP
FL301	1-233-342-11	s FILTER, TRAP
IC1	8-759-635-27	s IC M62352GP
IC2	8-759-059-50	s IC MB88351PFV
IC3	8-759-066-61	s IC TC4053BFS
IC4	8-759-076-06	s IC TL064CPW
IC5	8-759-066-61	s IC TC4053BFS
IC7	8-759-050-14	s IC SN74HC175APW-E05
IC9	8-759-058-62	s IC TC7S08FU(T85R)
IC10	8-759-049-60	s IC SN74HC08APW-E05
IC11	8-759-049-96	s IC SN74HC32APW-E20
IC12	8-759-079-61	s IC TC74VHC74FS(EL)
IC13	8-759-049-58	s IC SN74HC04APW-E05
IC14	8-759-173-16	s IC TL062CPW
IC15	8-759-076-06	s IC TL064CPW
IC101	8-759-066-61	s IC TC4053BFS
IC102	8-759-271-18	s IC NJM1496V
IC103	8-759-066-61	s IC TC4053BFS
IC105	8-759-271-18	s IC NJM1496V
IC106	8-759-066-61	s IC TC4053BFS
IC107	8-759-076-06	s IC TL064CPW
IC108	8-752-376-32	s IC CXD2310AR
IC201	8-759-066-61	s IC TC4053BFS
IC202	8-759-271-18	s IC NJM1496V
IC203	8-759-066-61	s IC TC4053BFS
IC205	8-759-271-18	s IC NJM1496V
IC206	8-759-066-61	s IC TC4053BFS
IC207	8-759-076-06	s IC TL064CPW
IC208	8-752-376-32	s IC CXD2310AR
IC301	8-759-066-61	s IC TC4053BFS
IC302	8-759-271-18	s IC NJM1496V
IC303	8-759-066-61	s IC TC4053BFS

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Ref. No. or Q'ty	Part No.	SP Description
IC305	8-759-271-18	s IC NJM1496V
IC306	8-759-066-61	s IC TC4053BFS
IC307	8-759-076-06	s IC TL064CPW
IC308	8-752-376-32	s IC CXD2310AR
L1	1-412-951-11	s INDUCTOR 10uH
L101	1-412-961-11	s INDUCTOR 68uH
L102	1-412-957-11	s INDUCTOR 33uH
L103	1-412-951-11	s INDUCTOR 10uH
L104	1-412-951-11	s INDUCTOR 10uH
L201	1-412-961-11	s INDUCTOR 68uH
L202	1-412-957-11	s INDUCTOR 33uH
L203	1-412-951-11	s INDUCTOR 10uH
L204	1-412-951-11	s INDUCTOR 10uH
L301	1-412-961-11	s INDUCTOR 68uH
L302	1-412-957-11	s INDUCTOR 33uH
L303	1-412-951-11	s INDUCTOR 10uH
L304	1-412-951-11	s INDUCTOR 10uH
Q1	8-729-402-84	s TRANSISTOR XN4601
Q2	8-729-420-20	s TRANSISTOR XN4312
Q3	8-729-402-19	s TRANSISTOR XN6501
Q4	8-729-402-84	s TRANSISTOR XN4601
Q6	8-729-101-07	s TRANSISTOR 2SB798
Q7	8-729-807-51	s TRANSISTOR 2SD1623-S
Q8	8-729-101-07	s TRANSISTOR 2SB798
Q9	8-729-101-07	s TRANSISTOR 2SB798
Q101	8-729-402-78	s TRANSISTOR XN6401
Q102	8-729-402-19	s TRANSISTOR XN6501
Q103	8-729-117-72	s TRANSISTOR 2SC4178
Q104	8-729-142-90	s TRANSISTOR 2SK853-K5
Q105	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q106	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR
Q107	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q108	8-729-117-72	s TRANSISTOR 2SC4178
Q109	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q110	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR
Q111	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q112	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q113	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR
Q114	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q115	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q116	8-729-905-38	s TRANSISTOR 2SC4081T106R
Q117	8-729-403-29	s TRANSISTOR XN6435
Q118	8-729-403-32	s TRANSISTOR XN6534
Q119	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q120	8-729-402-19	s TRANSISTOR XN6501
Q121	8-729-402-78	s TRANSISTOR XN6401
Q201	8-729-402-78	s TRANSISTOR XN6401
Q202	8-729-402-19	s TRANSISTOR XN6501
Q203	8-729-117-72	s TRANSISTOR 2SC4178
Q204	8-729-142-90	s TRANSISTOR 2SK853-K5
Q205	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q206	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR
Q207	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q208	8-729-117-72	s TRANSISTOR 2SC4178
Q209	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q210	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR
Q211	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q212	8-729-143-07	s TRANSISTOR 2SA1610-Y33

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Ref. No. or Q'ty	Part No.	SP Description
Q213	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR
Q214	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q215	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q216	8-729-905-38	s TRANSISTOR 2SC4081T106R
Q217	8-729-403-29	s TRANSISTOR XN6435
Q218	8-729-403-32	s TRANSISTOR XN6534
Q219	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q220	8-729-402-19	s TRANSISTOR XN6501
Q221	8-729-402-78	s TRANSISTOR XN6401
Q301	8-729-402-78	s TRANSISTOR XN6401
Q302	8-729-402-19	s TRANSISTOR XN6501
Q303	8-729-117-72	s TRANSISTOR 2SC4178
Q304	8-729-142-90	s TRANSISTOR 2SK853-K5
Q305	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q306	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR
Q307	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q308	8-729-117-72	s TRANSISTOR 2SC4178
Q309	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q310	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR
Q311	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q312	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q313	8-729-026-53	s TRANSISTOR 2SA1576A-T106-QR
Q314	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q315	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q316	8-729-905-38	s TRANSISTOR 2SC4081T106R
Q317	8-729-403-29	s TRANSISTOR XN6435
Q318	8-729-403-32	s TRANSISTOR XN6534
Q319	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q320	8-729-402-19	s TRANSISTOR XN6501
Q321	8-729-402-78	s TRANSISTOR XN6401
R1	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R2	1-218-883-11	s METAL 33K 0.50% 1/16W
R3	1-218-883-11	s METAL 33K 0.50% 1/16W
R4	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R5	1-218-739-11	s METAL 91K 0.50% 1/16W
R6	1-218-883-11	s METAL 33K 0.50% 1/16W
R7	1-218-883-11	s METAL 33K 0.50% 1/16W
R8	1-218-732-11	s METAL 47K 0.50% 1/16W
R9	1-218-720-11	s METAL 15K 0.50% 1/16W
R10	1-218-739-11	s METAL 91K 0.50% 1/16W
R11	1-218-883-11	s METAL 33K 0.50% 1/16W
R12	1-218-883-11	s METAL 33K 0.50% 1/16W
R13	1-218-732-11	s METAL 47K 0.50% 1/16W
R14	1-218-720-11	s METAL 15K 0.50% 1/16W
R15	1-218-739-11	s METAL 91K 0.50% 1/16W
R16	1-218-883-11	s METAL 33K 0.50% 1/16W
R17	1-218-883-11	s METAL 33K 0.50% 1/16W
R18	1-218-732-11	s METAL 47K 0.50% 1/16W
R19	1-218-720-11	s METAL 15K 0.50% 1/16W
R20	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R21	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R22	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R23	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R24	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R25	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R26	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R27	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R28	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R30	1-216-821-11	s METAL, CHIP 1K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R31	1-218-716-11	s METAL 10K 0.50% 1/16W
R32	1-218-706-11	s METAL 3.9K 0.50% 1/16W
R33	1-218-698-11	s METAL 1.8K 0.50% 1/16W
R34	1-218-722-11	s METAL, CHIP 18K 0.50% 1/16W
R35	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R36	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R37	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R38	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R39	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R40	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R41	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R42	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R44	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R46	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R47	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R48	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R50	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R51	1-218-720-11	s METAL 15K 0.50% 1/16W
R52	1-218-883-11	s METAL 33K 0.50% 1/16W
R53	1-218-883-11	s METAL 33K 0.50% 1/16W
R54	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R55	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R58	1-218-730-11	s METAL, CHIP 39K 0.50% 1/16W
R59	1-218-729-11	s METAL 36K 0.50% 1/16W
R60	1-218-881-11	s METAL, CHIP 27K 0.50% 1/16W
R61	1-218-708-11	s METAL 4.7K 0.50% 1/16W
R62	1-218-883-11	s METAL 33K 0.50% 1/16W
R63	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R64	1-218-708-11	s METAL 4.7K 0.50% 1/16W
R65	1-218-698-11	s METAL 1.8K 0.50% 1/16W
R66	1-218-883-11	s METAL 33K 0.50% 1/16W
R67	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R68	1-218-730-11	s METAL, CHIP 39K 0.50% 1/16W
R69	1-218-706-11	s METAL 3.9K 0.50% 1/16W
R70	1-218-722-11	s METAL, CHIP 18K 0.50% 1/16W
R71	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R72	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R74	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R101	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R102	1-218-698-11	s METAL 1.8K 0.50% 1/16W
R103	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R104	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R105	1-218-694-11	s METAL, CHIP 1.2K 0.50% 1/16W
R106	1-218-730-11	s METAL, CHIP 39K 0.50% 1/16W
R107	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R108	1-218-692-11	s METAL, CHIP 1K 0.50% 1/16W
R109	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R110	1-218-697-11	s METAL 1.6K 0.50% 1/16W
R111	1-218-752-11	s METAL 330K 0.50% 1/16W
R112	1-218-752-11	s METAL 330K 0.50% 1/16W
R113	1-218-708-11	s METAL 4.7K 0.50% 1/16W
R114	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R115	1-216-834-11	s METAL, CHIP 12K 5% 1/16W
R116	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R117	1-218-856-11	s METAL, CHIP 2.4K 0.50% 1/16W
R118	1-218-722-11	s METAL, CHIP 18K 0.50% 1/16W
R119	1-218-829-11	s METAL, CHIP 180 0.50% 1/16W
R120	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R121	1-216-821-11	s METAL, CHIP 1K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R255	1-218-700-11 s	METAL 2.2K 0.50% 1/16W
R256	1-216-817-11 s	METAL, CHIP 470 5% 1/16W
R257	1-216-827-11 s	METAL, CHIP 3.3K 5% 1/16W
R258	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R259	1-218-684-11 s	METAL, CHIP 470 0.50% 1/16W
R260	1-218-684-11 s	METAL, CHIP 470 0.50% 1/16W
R261	1-218-851-11 s	METAL, CHIP 1.5K 0.50% 1/16W
R262	1-218-716-11 s	METAL 10K 0.50% 1/16W
R263	1-218-858-11 s	METAL, CHIP 3K 0.50% 1/16W
R264	1-218-700-11 s	METAL 2.2K 0.50% 1/16W
R265	1-218-837-11 s	METAL, CHIP 390 0.50% 1/16W
R266	1-218-838-11 s	METAL, CHIP 430 0.50% 1/16W
R267	1-218-694-11 s	METAL, CHIP 1.2K 0.50% 1/16W
R268	1-216-826-11 s	METAL, CHIP 2.7K 5% 1/16W
R269	1-216-823-11 s	METAL, CHIP 1.5K 5% 1/16W
R270	1-218-708-11 s	METAL 4.7K 0.50% 1/16W
R271	1-218-864-11 s	METAL 5.1K 0.50% 1/16W
R272	1-216-823-11 s	METAL, CHIP 1.5K 5% 1/16W
R273	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R274	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R275	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R276	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R277	1-218-714-11 s	METAL 8.2K 0.50% 1/16W
R278	1-218-873-11 s	METAL, CHIP 12K 0.50% 1/16W
R279	1-218-901-11 s	METAL, CHIP 180K 0.50% 1
R280	1-216-817-11 s	METAL, CHIP 470 5% 1/16W
R281	1-216-813-11 s	METAL, CHIP 220 5% 1/16W
R282	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R283	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R286	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R289	1-216-797-11 s	METAL, CHIP 10 5% 1/16W
R290	1-216-813-11 s	METAL, CHIP 220 5% 1/16W
R291	1-216-863-11 s	METAL 3.3M 5% 1/16W
R292	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R294	1-218-752-11 s	METAL 330K 0.50% 1/16W
R295	1-218-758-11 s	METAL, CHIP 180K 0.50% 1/10W
R296	1-218-764-11 s	METAL 330K 0.50% 1/10W
R301	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R302	1-218-698-11 s	METAL 1.8K 0.50% 1/16W
R303	1-216-841-11 s	METAL, CHIP 47K 5% 1/16W
R304	1-216-839-11 s	METAL, CHIP 33K 5% 1/16W
R305	1-218-694-11 s	METAL, CHIP 1.2K 0.50% 1/16W
R306	1-218-730-11 s	METAL, CHIP 39K 0.50% 1/16W
R307	1-216-825-11 s	METAL, CHIP 2.2K 5% 1/16W
R308	1-218-692-11 s	METAL, CHIP 1K 0.50% 1/16W
R309	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R310	1-218-697-11 s	METAL 1.6K 0.50% 1/16W
R311	1-218-752-11 s	METAL 330K 0.50% 1/16W
R312	1-218-752-11 s	METAL 330K 0.50% 1/16W
R313	1-218-708-11 s	METAL 4.7K 0.50% 1/16W
R314	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R315	1-216-834-11 s	METAL, CHIP 12K 5% 1/16W
R316	1-216-857-11 s	METAL, CHIP 1M 5% 1/16W
R317	1-218-856-11 s	METAL, CHIP 2.4K 0.50% 1/16W
R318	1-218-722-11 s	METAL, CHIP 18K 0.50% 1/16W
R319	1-218-829-11 s	METAL, CHIP 180 0.50% 1/16W
R320	1-216-817-11 s	METAL, CHIP 470 5% 1/16W
R321	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R322	1-216-823-11 s	METAL, CHIP 1.5K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R323	1-216-827-11 s	METAL, CHIP 3.3K 5% 1/16W
R325	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R326	1-216-837-11 s	METAL, CHIP 22K 5% 1/16W
R327	1-216-825-11 s	METAL, CHIP 2.2K 5% 1/16W
R328	1-218-684-11 s	METAL, CHIP 470 0.50% 1/16W
R329	1-218-684-11 s	METAL, CHIP 470 0.50% 1/16W
R330	1-218-837-11 s	METAL, CHIP 390 0.50% 1/16W
R331	1-216-825-11 s	METAL, CHIP 2.2K 5% 1/16W
R332	1-218-740-11 s	METAL 100K 0.50% 1/16W
R333	1-218-702-11 s	METAL, CHIP 2.7K 0.50% 1/16W
R334	1-218-694-11 s	METAL, CHIP 1.2K 0.50% 1/16W
R335	1-218-837-11 s	METAL, CHIP 390 0.50% 1/16W
R336	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R337	1-218-874-11 s	METAL, CHIP 13K 0.50% 1/16W
R338	1-218-702-11 s	METAL, CHIP 2.7K 0.50% 1/16W
R339	1-216-817-11 s	METAL, CHIP 470 5% 1/16W
R340	1-216-825-11 s	METAL, CHIP 2.2K 5% 1/16W
R341	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R342	1-218-659-11 s	METAL 43 0.50% 1/16W
R343	1-218-660-91 s	METAL 47 0.50% 1/16W
R344	1-218-837-11 s	METAL, CHIP 390 0.50% 1/16W
R345	1-218-837-11 s	METAL, CHIP 390 0.50% 1/16W
R346	1-218-684-11 s	METAL, CHIP 470 0.50% 1/16W
R347	1-218-702-11 s	METAL, CHIP 2.7K 0.50% 1/16W
R348	1-218-692-11 s	METAL, CHIP 1K 0.50% 1/16W
R349	1-218-748-11 s	METAL 220K 0.50% 1/16W
R350	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R352	1-216-817-11 s	METAL, CHIP 470 5% 1/16W
R354	1-216-839-11 s	METAL, CHIP 33K 5% 1/16W
R355	1-218-700-11 s	METAL 2.2K 0.50% 1/16W
R356	1-216-817-11 s	METAL, CHIP 470 5% 1/16W
R357	1-216-827-11 s	METAL, CHIP 3.3K 5% 1/16W
R358	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R359	1-218-684-11 s	METAL, CHIP 470 0.50% 1/16W
R360	1-218-684-11 s	METAL, CHIP 470 0.50% 1/16W
R361	1-218-851-11 s	METAL, CHIP 1.5K 0.50% 1/16W
R362	1-218-716-11 s	METAL 10K 0.50% 1/16W
R363	1-218-858-11 s	METAL, CHIP 3K 0.50% 1/16W
R364	1-218-700-11 s	METAL 2.2K 0.50% 1/16W
R365	1-218-837-11 s	METAL, CHIP 390 0.50% 1/16W
R366	1-218-838-11 s	METAL, CHIP 430 0.50% 1/16W
R367	1-218-694-11 s	METAL, CHIP 1.2K 0.50% 1/16W
R368	1-216-826-11 s	METAL, CHIP 2.7K 5% 1/16W
R369	1-216-823-11 s	METAL, CHIP 1.5K 5% 1/16W
R370	1-218-708-11 s	METAL 4.7K 0.50% 1/16W
R371	1-218-864-11 s	METAL 5.1K 0.50% 1/16W
R372	1-216-823-11 s	METAL, CHIP 1.5K 5% 1/16W
R373	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R374	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R375	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R376	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R377	1-218-714-11 s	METAL 8.2K 0.50% 1/16W
R378	1-218-873-11 s	METAL, CHIP 12K 0.50% 1/16W
R379	1-218-901-11 s	METAL, CHIP 180K 0.50% 1
R380	1-216-817-11 s	METAL, CHIP 470 5% 1/16W
R381	1-216-813-11 s	METAL, CHIP 220 5% 1/16W
R382	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R383	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R386	1-216-864-11 s	METAL, CHIP 0 5% 1/16W

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Ref. No.

or Q'ty Part No. SP Description

R389	1-216-797-11	s METAL, CHIP 10 5% 1/16W
R390	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R391	1-216-863-11	s METAL 3.3M 5% 1/16W
R392	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R394	1-218-752-11	s METAL 330K 0.50% 1/16W
R395	1-218-758-11	s METAL, CHIP 180K 0.50% 1/10W
R396	1-218-764-11	s METAL 330K 0.50% 1/10W
RB1	1-236-904-11	s RESISTOR, BLOCK CHIP 1K
RB2	1-236-907-11	s RESISTOR BLOCK, CHIP 100KX4
RB101	1-239-416-11	s RESISTOR BLOCK, CHIP 220X4
RB102	1-239-416-11	s RESISTOR BLOCK, CHIP 220X4
RB103	1-239-416-11	s RESISTOR BLOCK, CHIP 220X4
RB201	1-239-416-11	s RESISTOR BLOCK, CHIP 220X4
RB202	1-239-416-11	s RESISTOR BLOCK, CHIP 220X4
RB203	1-239-416-11	s RESISTOR BLOCK, CHIP 220X4
RB301	1-239-416-11	s RESISTOR BLOCK, CHIP 220X4
RB302	1-239-416-11	s RESISTOR BLOCK, CHIP 220X4
RB303	1-239-416-11	s RESISTOR BLOCK, CHIP 220X4

FRAME

Ref. No.

or Q'ty Part No. SP Description

1pc	1-547-985-11	o FILTER UNIT, OPTICAL
1pc	1-777-768-11	s WIRE, FLAT TYPE (30 CORE) (MB-TG)
3pcs	1-956-511-11	o HARNESS, SUB (DEF)
1pc	1-956-512-11	o HARNESS, SUB (FL) (MB-SE)
1pc	1-956-514-11	o HARNESS, SUB (PA187-1)
1pc	1-956-515-11	o HARNESS, SUB (PA187-2)
1pc	1-956-527-11	o HARNESS, SUB (VCO)
1pc	1-473-883-11	s CONVERTER UNIT, DC-DC
3pcs	1-777-764-11	s WIRE, FLEXIBLE CARD (20 CORE) (MB-CN)
FB101	1-500-249-11	s BEAD, FERRITE (CASE)
FB102	1-500-249-11	s BEAD, FERRITE (CASE)
FB103	1-500-249-11	s BEAD, FERRITE (CASE)
FB104	1-543-936-11	s CORE (FPC)
FB105	1-543-936-11	s CORE (FPC)
FB106	1-543-936-11	s CORE (FPC)

SUPPLIED ACCESSORIES

Ref. No.

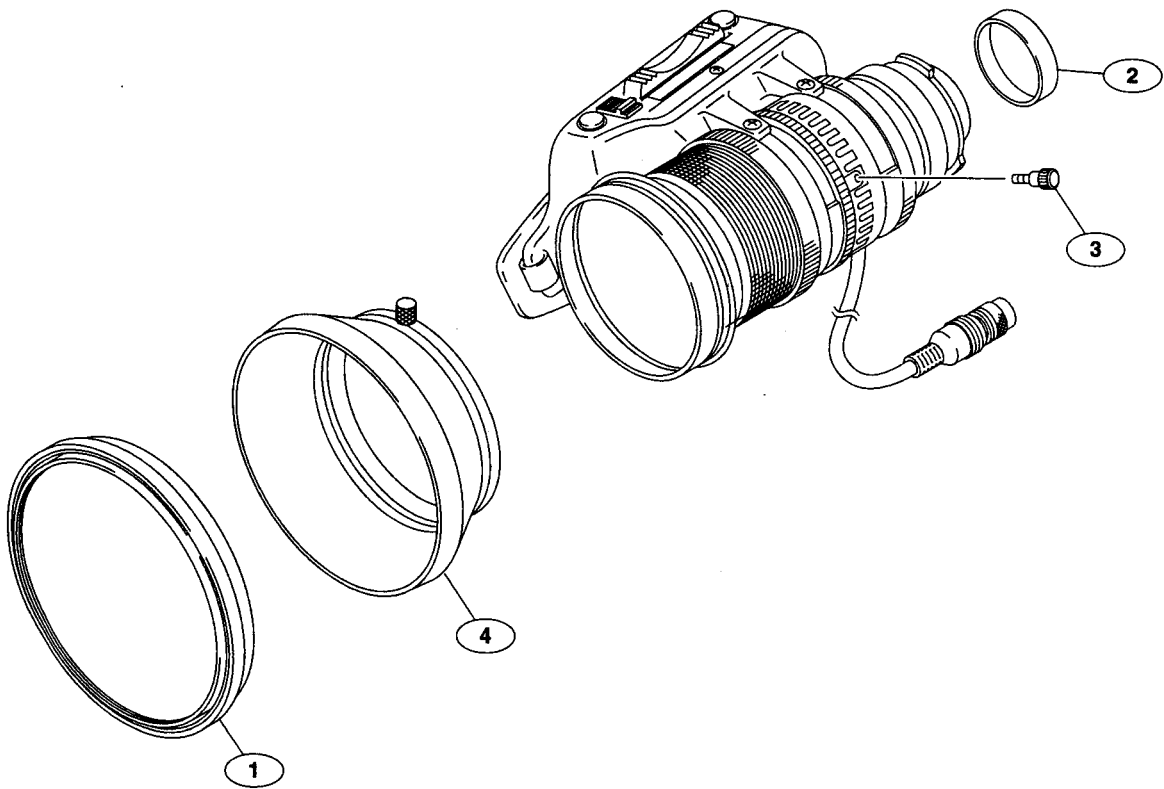
or Q'ty Part No. SP Description

1pc	3-764-889-01	o CHART, ADJUSTMENT
1pc	3-858-217-01	o MANUAL, INSTRUCTION (JAPANESE)
1pc	3-858-217-11	o MANUAL, INSTRUCTION (ENGLISH)
1pc	3-858-217-21	o MANUAL, INSTRUCTION (FRENCH)
1pc	3-858-217-31	o MANUAL, INSTRUCTION (GERMAN)
1pc	3-858-217-41	o MANUAL, INSTRUCTION (ITALIAN)
1pc	3-858-217-51	o MANUAL, INSTRUCTION (CHINESE)

EXPLODED VIEW (VCL-916BYA)

VCL-916BYA

No.	Part No.	SP Description
1	3-707-245-01	o CAP, HOOD
2	3-707-246-01	o CAP, DUST
3	3-707-247-01	o LEVER, ZOOM
4	3-708-171-01	s HOOD, LENS



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